



800.831.4242
www.Jameco.com

Volume P34 - Nov. 2003

JAMECO®
ELECTRONICS
Brand Names and Generic Equivalents
Guaranteed Lowest Prices & Great Service

New! Value-Priced OEM Power Products

Huge Selection

Power Supplies
DC-to-DC Converters
Wall Adapters
Fans • Cords • Connectors

Name Brands

Artesyn
Mean Well
Phihong
Globtek and more

Low-Price Guarantee • 99% In-Stock
In-Depth Technical Information • Personalized Service



POWERful Selection, High Quality, and Great Savings!

Need a better resource for high-quality power products? Jameco's new power catalog offers a great selection for your design, prototype and manufacturing/production requirements. Just take a look below and learn how you can save on our broad assortment of brand-name and generic equivalents. You'll find many products discounted 50% or more off list price, and our prices are guaranteed to be the lowest.

Switching Power Supplies

Find over 28 pages of open frame and enclosed power supplies. With a full range of output power from less than a watt to 1,500 watts, you're almost certain to find the exact configuration needed for your application. And at our prices, you can save money too! See pages 3-31.

Table-top Power Supplies

Jameco makes it easy to equip your product with a professional table-top power supply. We offer a variety of regulated and unregulated configurations with UL, CSA and other safety approvals. You'll not only find some of the biggest names like Phihong, you'll also find other brand names that save you money.

DC-to-DC Converters

We offer a full line of Point-of-Load, non-isolated and isolated DC-to-DC converters. Now you can conveniently buy these products and avoid going through the hassles of "large company" distribution. Flip through pages 33-43 and see how you'll save today!

Broad Assortment of Fans

You will find hundreds of low-noise fans at outstanding prices. Turn to pages 59-62 and discover the full line of axial tube and DC brushless fans we offer. These agency-approved low-profile fans feature ball or sleeve bearings so you can be assured your system will be running cool for years to come.

Low-Voltage Power Connectors

Jameco offers a full line of 1.3, 2.1, 2.5 and 3.5 mm plugs and jacks in panel, PCB and cable mount configurations. Ideal for wall adapters and other low-voltage applications, plus they're priced to save you money.

110 VAC Power Cords and Connectors

We want to be your one-stop shop for power products. Turn to pages 47 and 48 where you'll find dozens of power connectors and cords, all UL and CSA approved; and you'll save money buying them from Jameco.

Power Transformers

Be sure to visit page 45 for our selection of inexpensive power transformers, and look at the variety of configurations we offer. You'll find split-bobbin models that reduce capacitive coupling, quick-connect models to keep assembly efficient and traditional leaded transformers.

Broad Selection of Name-Brand Power Products for Your Production Needs

Artesyn – Top Quality U.S. Brand

Jameco is a distributor of Artesyn Technologies, one of the world's top suppliers of high-quality power supplies and DC-to-DC converters. Turn to pages 4 to 43 and discover the full breadth of switching power supplies, as well as isolated and non-isolated Point-of-Load DC-to-DC converters. All are backed by our Low-Price Guarantee, so you'll be confident you're adding to your company's bottom line!

International Switching Wall Adapters

Why inventory wall adapters for every country you might sell to? With Phihong's Interchangeable Plug Adapters, you snap the plug for a particular country onto a single wall adapter. Include an assortment and you're ready to support countries anywhere from the U.K. to Australia and beyond. And since they employ switching regulators, you can rest assured knowing your product meets the emerging evergreen requirements of the European Union and other countries. See page 52 for outputs from 3.3 to 24V.

No more adapter incompatibilities or poorly managed inventory!

Mean Well – Performance for LE\$\$

For many years, Jameco customers have declared Mean Well one of their favorite brands. These value-priced switching power supplies and DC-to-DC converters feature high quality and high performance, making them ideal for most design, development and production environments. Be sure to review pages 4 to 31 for the full selection of enclosed and open-frame switching supplies ranging up to 1,500 Watts.

External Medical-Grade Power Supplies

Does your application need an external low-leakage medical-grade switching power supply?

Globtek's space-saving wall adapters plug directly into an AC outlet, requiring no valuable workbench space. We also offer table-top models to maximize plug strip usage. And like all of our low-leakage medical-grade power products, these have been UL and CE approved for medical applications. See more information on page 52.

A Better Way to Buy Power Products

Sure, our prices are guaranteed to be the lowest, but we offer many other advantages you won't see combined with price savings anywhere else. Compared to "large company" distribution channels, which can often be time-consuming and slow to process, Jameco saves you time in so many ways. Here's a sampling:

Easily Compare Multiple Manufacturers

We keep similar products on the same page. Now you can find name brands and limited supply items at great savings together for easier comparison.

No Waiting for Quotes

This catalog provides quantity discounts so you can place your order immediately by phone, web, email or fax. And since over 99% of our products are in stock, you can place your order by 6 PM EST and know it will be shipped that same day without a rush surcharge.

Extensive Technical Information

In addition to basic power supply specs, our catalog contains in-depth information. So if you need derating curves or other data, they're printed for your reference.

Looking for More Information?

Our website not only includes more information, but now features unique tools designed to help you find the products you need faster. Be sure to see our discussion of website services below. Plus, you can talk to a live person by calling our Technical Support team at 1-800-831-4242.

WYSIWYG

Do you like to see full-view photos of power products before you buy them? In this catalog, "What You See Is What You Get".

Personalized Service

Frequent buyers will be assigned a personal rep who understands your needs, product requirements, logistics issues and more. Our customers have told us this personalized service saves them time, reduces costs and eliminates the headaches they've experienced elsewhere. We think you'll appreciate it too!

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Introducing www.Jameco.com/Power

Your Ultimate Information Resource!

Whether you need help getting information, comparing specs, choosing a power product or placing an order; be sure to try our website today. Visit www.Jameco.com/Power to find a wide selection of power products, in-depth information to make knowledgeable decisions, and unique tools to help you find the right product quicker.

Organized to Help You Find Products Faster!

When you visit www.Jameco.com/Power, you'll find all of our enclosed, open-frame, wall and table-top power supplies organized by form factor, power range and outputs. Click on a particular product, and you'll not only find extensive technical information including the manufacturer's literature, you'll also find each product's derating curves and more to help you quickly make knowledgeable decisions.

Advanced Parametric & Treemap Searches

Jameco recently introduced The Hive Group's Honeycomb® engine on our website. This advanced engine currently enables users to perform parametric and treemap searches of our

enclosed, open-frame, wall and table-top power supplies. Now, through the parametric search you can easily select package type, power conversion type, input voltage, output power, output voltages, manufacturer and more. Our unique Honeycomb® visual interface is a treemap. Using shape, size, color and arrangements, users are able to quickly sift through hundreds of products in a few moments vs. the lengthy time required to read through the specs of over 640 products. You can then zoom in to a section that closely approximates your requirements and mouse over each product for detailed product specs.

Give Us Your Feedback

Want to provide our Product Managers feedback regarding our power product selection and the accompanying services we provide? www.Jameco.com/Power also has a link to provide your input and help us further develop the product line. If you don't have your browser open, you can also drop an email to Power@Jameco.com.

29 Years of Dedication

Jameco has been dedicated to serving our customers for over 29 years. Throughout that time, we have worked hard to develop our network of product sources. We have also learned to focus on the four areas of service our customers need most: savings, selection, rapid fulfillment and convenience.



Dedicated to Savings...

We at Jameco have been dedicated to providing our customers with great savings in electronic components for 29 years. While the product lines may have changed over the years, we still hold true to our early commitments that we'll:

- Provide a broad selection of both brand name and generic equivalents, and guarantee that we have the lowest prices.
- Ship on the same day without a surcharge.

Dedicated to Selection...

We realize many of our customers want both brand-name products and comparable-quality equivalents. Some of our customers require traditional switching power supplies while others require Point-of-Load DC-to-DC converters. Our dedication continues across our breadth of offerings by providing:

- A broad range of brand-name supplies from Artesyn, Mean Well, Globtek and Phihong.
- Generic equivalents with continuous supply at great savings.
- Limited supply products at even greater savings
- A broad selection of output power covering the range from less than a watt to 1,500 watts.

Dedicated to Rapid Fulfillment...

Once you've specified a product, nothing is more frustrating than waiting for a delayed shipment or having to pay a premium to get the product "on time". Over the years, we've learned that we must provide the following services you need:

- Keep 99% of our products in stock to minimize backorder delays.
- Automatically ship orders received by 6 PM EST on the same business day without rush fees.

Dedicated to Convenience...

Why hassle with shopping via "large company" distribution channels when you can't get the convenience or support you need. We offer the services you require by:

- Providing extensive technical information in the catalog and even more on the web.
- Helping you find what you need fast, particularly with unique web search tools.
- Providing technical phone support to help select the right product to satisfy your needs.
- Enabling you to order 24/7 by phone, web, email or fax.

... Simply stated, Jameco is different because of the savings, selection, rapid fulfillment and convenience we offer. Try us now and you'll understand why so many customers return to us again and again.

Contact Information

Order Desk 24/7, 365 Days a Year

Phone: 1-800-831-4242
Fax: 1-800-237-6948
E-mail: sales@Jameco.com

Technical Support

Phone: 1-800-831-4242
E-mail: tech@Jameco.com

Website www.Jameco.com

Customer Service

Phone: 1-800-831-4242
E-mail: custservice@Jameco.com

International Order Desk

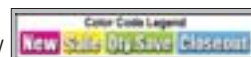
Phone: 650-592-8097
Fax: 650-592-2503
E-mail: international@Jameco.com

Credit Department

Phone: 650-592-8097
E-mail: credit@Jameco.com

Find Products and Savings Faster!

Looking for great savings or new products? Our simplified legend helps you identify both quickly and easily. And now you can see which prices we've reduced since the last catalog!



Find New Savings Faster!

We're not afraid to show you our latest price reductions. You'll find hundreds of price reductions from the previous catalog just by looking for the red prices in this catalog!

Part No.	Description	1	10
156785	Soldering station	\$69.95	\$62.95
156814	Sharp conical tip	4.95	4.49
134631	Replacement sponge	2.99	2.69

Save with Quantity Discounts



Buy in quantity and save! Corporate buyers will especially appreciate savings up to 54% off single unit prices. Look for products highlighted in green.

Part No.	Description	1	10
156785	Soldering station	\$69.95	\$62.95
156814	Sharp conical tip	4.95	4.49
134631	Replacement sponge	2.99	2.69

Save on Sale Items!

Sale products are highlighted in yellow, so you can identify items whose prices have been reduced in all quantities for a limited time.



Part No.	Product No.	Pins	Description	1	10
44222	7400	14	Quad 2-input NAND gate	\$4.99	\$3.99
63538	7402	14	Quad 2-input NOR gate	.19	.14
44231	7404	14	Hex inverter (CD4069)	.39	.35

Find New Products Quickly



Look for the part numbers in magenta. We've added many new power supplies as well as other products.

Part No.	Product No.
182991	RMH08LP

Last Chance Opportunities

Unfortunately we're not always able to restock certain hard-to-find products. In this case we'll print blue part numbers, so if we know there's limited stock, you'll also know.

Part No.	Product No.
155643	DC603F1

Open an Account Today!

It's easy to open an account at Jameco. Simply call us or visit www.Jameco.com and we'll take the information over the phone. If it's more convenient, we can fax you a credit application right away. And don't worry about delays. Most applications are processed within minutes.



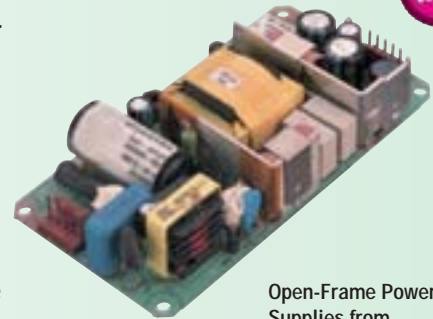
Switching Power Supplies for Every Application



Enclosed Power Supplies
from 10 to 1,000 Watts.

For many years, Jameco has been known as a leading source of power supply products. Jameco specializes in providing high levels of personalized service to customers with modest quantity requirements.

Jameco continues to expand its commitment to switching power supplies. In addition to recently offering 29 new pages of power products, new name brands and great savings, we're providing more



Open-Frame Power
Supplies from
Artesyn, Mean Well
and many others.

of the information you need to make good engineering decisions. And if you have on-going needs, be sure to ask for an Inside Sales representative. Your personal sales rep will be familiar with your unique requirements each time you call.

Name Brands You Can Trust

Not only are we a distributor of U.S. branded Artesyn Technologies, one of the world's top suppliers of high quality power products, we also have an expansive line of value-priced, high-performance products from Mean Well.



For low-leakage medical power supplies, be sure to examine our offerings from GlobTek. And if you need table-top or wall supplies, we offer great values from Phihong, the world's leading manufacturer.

GlobTek®



Now you can get immediate delivery of many popular Artesyn products and avoid the hassles of going through "large company" distribution channels. Be sure to see pages 4-31 for Artesyn's and Mean Well's switching power supplies, and pages 33-43 for Artesyn's and Mean Well's world-renowned DC-to-DC converters.

Save More in Larger Quantities!

Looking to save even more? We already guarantee the lowest prices, but you can save even more when you purchase from Jameco in larger quantities! Our Inside Sales reps are available at 1-800-831-4242 to get you the best value on your quantity purchases.



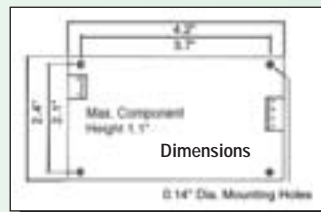
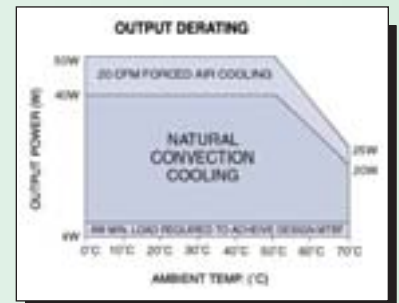
Save with Limited Supply Items

In addition to providing you with products suitable for long-term production runs, Jameco also continues to offer limited-supply products at great savings. We've negotiated great deals for these limited availability supplies, and you can be assured we're passing the savings on to you.



Make Technical Selections from the Catalog

As part of our commitment to expanding our power supply offering, we have added additional information to help you make informed technical decisions. This includes output derating curves, package dimensions and specifications including output ripple, regulation, certifications, and more. Plus, the charts in this catalog allow you to easily compare specifications of different products.



Not sure of the meaning of a power supply term? We've featured numerous explanations throughout the power section offering the definition of the terms used in this catalog and the industry.

Need more help deciding? You can always call our toll-free tech support hot-line at 1-800-831-4242 or examine the thousands of tech documents on our website at www.Jameco.com.

UNDERSTANDING POWER SUPPLIES #10 & 11

ISOLATION VOLTAGE: The maximum AC or DC voltage which may be continuously applied from input to output and/or chassis of a power supply.

LEAKAGE CURRENT: The AC or DC current flowing from input to output and/or chassis of an isolated power supply at a specified range.



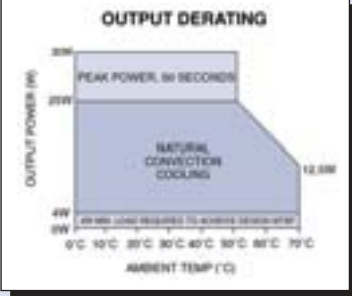
New Lower Prices
Marked in Red

25-Watt Open Frame

NLP-25 Series: Single & Triple Outputs

- 100% full-load burn-in
- Universal AC input
- 1U Package: 4" x 2.1" x 0.9" • Two-year warranty
- 3.3 watts/in³ maximum
- 0°C to +50°C working temp. (see output derating)
- Mating connectors: P/Ns 104432PC & 104723PC, see www.Jameco.com

Detailed below in blue, the NLP25 series provides 25W of power with free-air convection cooling that can peak at 30W for 60 seconds. Standard features include over-voltage and short-circuit protection. The NLP25 series, with full international safety approvals and the CE mark, meets conducted and radiated emissions EN55022 level B and complies to EN61000-4-2/3/4/5/6 immunity standards.

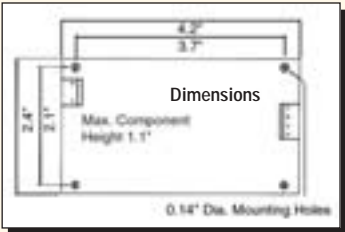
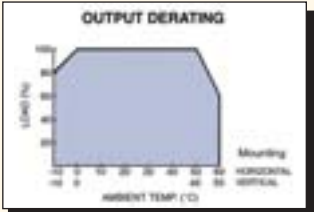


25-Watt Open Frame

PS-25 & PD-25 Series: Single & Dual Outputs

- 100% full-load burn-in
- Universal AC input
- 2.1 watts/in³ maximum
- 105°C output capacitor
- Mating connectors: P/Ns 104432PC & 104715PC, see www.Jameco.com
- -10°C to +60°C working temp (see output derating)

Shown below in buff color, the Mean Well PS-25 & PD-25 series are low-cost, high-quality open-frame 25-watt switchers that can be used for many lower-power commercial applications, both single and dual-output. Full rated power is available with free-air convection cooling in an industry-standard package size and mounting dimensions. They feature universal input and numerous features such as short-circuit, over-voltage, over-load and over-temperature protection.

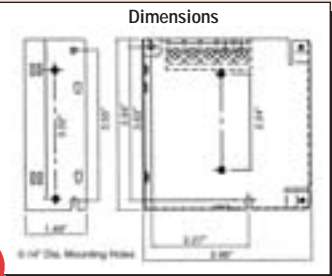
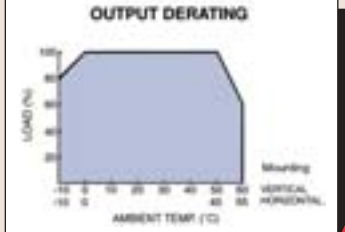


25-Watt Enclosed

S-25 Series: Single Output

- 100% full-load burn-in
- Universal AC input
- No minimum load required
- 1.2 watts/in³ maximum
- 105°C output capacitor
- Two-year warranty
- Mating connectors: 103587PC, see Jameco.com
- -10°C to +60°C working temp. (see output derating)
- Mounting hardware: use P/N 222121PC, 222156PC, 222172PC & 222164PC; see www.Jameco.com for specifications

Highlighted below in tan, the Mean Well S-25 series are low-cost, high-quality enclosed switchers that feature universal input of 85 to 264VAC, as well as 120 to 370VDC for battery-supported applications. Full rated power is available with free-air convection cooling. Protections include short-circuit, over-voltage and overload with auto-recovery. They are approved by UL and TUV, and carry the CE mark for use worldwide.



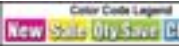
Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ³)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																				1	10	25	
Open Frame	229041PC	Phihong	PSA15LN3-050	+5V@0-3A	15.0W	90-264@47-63	4.33x1.57x0.91	4.02x1.26x0.16	2.42	50	2.0	↔	1.0	30	3,000	0.75	—	16	—	5	65	0.2	UL/CUL/TUV/CE	229041PC	\$18.95	\$17.09	\$15.39	Open Frame
	229059PC	Phihong	PSA15LN3-120	+12V@0-1.25A	15.0W	90-264@47-63	4.33x1.57x0.91	4.02x1.26x0.16	2.42	120	2.0		1.0	30	3,000	0.75	—	16	—	5	65	0.2	UL/CUL/TUV/CE	229059PC	18.95	17.09	15.39	
	229067PC	Phihong	PSA15LN3-240	+24V@0-0.63A	15.0W	90-264@47-63	4.33x1.57x0.91	4.02x1.26x0.16	2.42	240	2.0	↔	1.0	30	3,000	0.75	—	16	—	5	65	0.2	UL/CUL/TUV/CE	229067PC	18.95	17.09	15.39	
	230527PC	Phihong	PSA25LS-050	+5V@0-5A	25.0W	85-264@47-63	5.00x2.00x1.10	4.10x1.70x0.14	2.29	50	2.0		1.0	30	3,000	0.75	—	16	—	—	70	0.3	UL/CUL/CSA/TUV	230527PC	23.49	21.15	18.99	
	230535PC	Phihong	PSA25L-301	+5V@0.2-2A; +12V@0.1-1A; -12V@0-0.3A	25.0W	90-264@47-63	3.60x2.50x1.10	3.30x2.20x0.16	2.46	50	2.0	↔	1.0	30	3,000	0.25	—	16	—	—	70	0.2	UL/CUL/TUV/CE	230535PC	23.49	21.15	18.99	
	218472PC	Artesyn	NLP25-7605	+5V@0-5A	25.0W	90-264@47-440	4.00x2.07x0.91	3.73x1.80x0.13	3.31	50	2.0	↔	2.0	—	3,000	0.4	—	5	5-500Hz, 2.4G	—	70	0.3	UL/CSA/VDE/CE	218472PC	37.95	34.19	30.75	
	218481PC	Artesyn	NLP25-7612	+12V@0-2.08A	25.0W	90-264@47-440	4.00x2.07x0.91	3.73x1.80x0.13	3.31	120	2.0		2.0	—	3,000	0.4	—	5	5-500Hz, 2.4G	—	70	0.3	UL/CSA/VDE/CE	218481PC	37.95	34.19	30.75	
	218499PC	Artesyn	NLP25-7624	+24V@0-1.04A	25.0W	90-264@47-440	4.00x2.07x0.91	3.73x1.80x0.13	3.31	150	2.0	↔	2.0	—	3,000	0.4	—	5	5-500Hz, 2.4G	—	70	0.3	UL/CSA/VDE/CE	218499PC	37.95	34.19	30.75	
	218501PC	Artesyn	NLP25-7608	+5V@0.2-2A; +12V@0.1-0.8A; -12V@0-0.1A	20.8W	90-264@47-440	4.00x2.07x0.91	3.73x1.80x0.13	2.75	50	2.0		2.0	—	3,000	0.4	—	5	5-500Hz, 2.4G	—	70	0.3	UL/CSA/VDE/CE	218501PC	37.95	34.19	30.75	
	212361PC	Mean Well	PS-25-3.3	+3.3V@0-5A	16.5W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	1.32	80	2.5	↔	0.5	40	3,000	0.5	30	17	10-500Hz, 2G	—	66	0.3	UL/CUL/TUV/CE	212361PC	18.95	17.95	17.19	
	212353PC	Mean Well	PS-25-5	+5V@0-5A	25.0W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	2.06	80	2.0		0.5	40	3,000	0.5	30	17	10-500Hz, 2G	—	74	0.3	UL/CUL/TUV/CE	212353PC	18.95	17.95	17.19	
	148603PC	Mean Well	PS-25-12	+12V@0-2.1A	25.2W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	2.08	100	1.0	↔	0.3	40	3,000	0.5	30	17	10-500Hz, 2G	—	78	0.3	UL/CUL/TUV/CE	148603PC	18.95	17.95	17.19	
	216768PC	Mean Well	PS-25-15	+15V@0-1.7A	25.5W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	2.11	100	1.0		0.3	40	3,000	0.5	30	17	10-500Hz, 2G	—	78	0.3	UL/CUL/TUV/CE	216768PC	18.95	17.95	17.19	
	212345PC	Mean Well	PS-25-24	+24V@0-1A	24.0W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	1.98	240	0.5	↔	0.2	40	3,000	0.5	30	17	10-500Hz, 2G	—	79	0.3	UL/CUL/TUV/CE	212345PC	18.95	17.95	17.19	
Enclosed	212311PC	Mean Well	PD-2505	+5V@0.1-3A; -5V@0.1-2.5A	25.0W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	2.06	50	4.0		1.0	40	3,000	0.5	30	16	10-500Hz, 2G	—	73	0.3	UL/CUL/TUV/CE	212311PC	19.95	18.95	17.95	Enclosed
	212337PC	Mean Well	PD-25A	+5V@0.2-2.5A; +12V@0.1-1.5A	25.0W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	2.06	50	1.0	↔	0.5	40	3,000	0.5	30	16	10-500Hz, 2G	—	71	0.3	UL/CUL/TUV/CE	212337PC	19.95	18.95	17.95	
	212329PC	Mean Well	PD-25B	+5V@0.2-2A; +24V@0.1-1A	25.2W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	2.08	50	1.0		0.5	40	3,000	0.5	30	16	10-500Hz, 2G	—	77	0.3	UL/CUL/TUV/CE	212329PC	19.95	18.95	17.95	
	148689PC	Mean Well	PD-2512	+12V@0.1-1.2A; -12V@0.1-1A	24.0W	85-264@47-63	4.20x2.40x1.10	3.70x2.10x0.14	1.98	50	3.0		0.5	40	3,000	0.5	30	16	10-500Hz, 2G	—	74	0.3	UL/CUL/TUV/CE	148689PC	19.95	18.95	17.95	
	123246PC	Mean Well	S-25-5	+5V@0-5A	25.0W	85-264@47-63	see diagram	see diagram	1.17	50	1.0	↔	0.5	15	3,000	0.75	50	10	10-500Hz, 2G	10	72	0.8	UL/TUV/CE	123246PC	43.95	27.99	23.99	
	123254PC	Mean Well	S-25-12	+12V@0-2.1A	25.2W	85-264@47-63	see diagram	see diagram	1.18	100	0.5		0.5	15	3,000	0.75	50	10	10-500Hz, 2G	10	76	0.8	UL/TUV/CE	123254PC	43.95	27.99	23.99	
	123262PC	Mean Well	S-25-15	+15V@0-1.7A	25.5W	85-264@47-63	see diagram	see diagram	1.20	100	0.5	↔	0.5	15	3,000	0.75	50	10	10-500Hz, 2G	10	77	0.8	UL/TUV/CE	123262PC	43.95	27.99	23.99	
	123271PC	Mean Well	S-25-24	+24V@0-1.1A	26.4W	85-264@47-63	see diagram	see diagram	1.24	100	0.5		0.5	15	3,000	0.75	50	10	10-500Hz, 2G	10	80	0.8	UL/TUV/CE	123271PC	43.95	27.99	23.99	

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco	Price			
			Voltage@Current (min-max)	Power	Part No.																			1	10	25		
Open Frame	184866PC	Skynet	SNP-0502-B	+5V@0-2A	10.0W	115/230@50-60	4.4x1.6x0.8	4.0x1.3x0.14	1.78	50	1.0	↔	1.0	30	—	—	—	—	—	—	70	0.2	UL/CUL/TUV	184866PC	\$12.95	\$11.69	\$10.49	Open Frame
	189747PC	Tamura	79642191	+5V@1A; +12V@1A	17.0W	120/230@50-60	4.7x2.4x1.1	—	1.37	—	—		—	—	—	—	—	—	—	—	—	0.4	—	189747PC	8.95	7.65	5.75	
	173374PC	AUTEC	UPS20-2002	+5V@1A; +12V@1.5A	23.0W	115/230@50-50	5.0x3.0x1.1	5.1x1.6x0.16	1.39	50	2.0	↔	1.0	20	—	—	—	20	—	—	68	0.5	UL/CSA/TUV	173374PC	8.95	7.65	5.75	
	166967PC	Super Mac	U002512010	+5V@2.5A; +12V@1A	24.5W	100-240@50-60	3.7x2.5x1.2	—	2.21	—	—		—	—	—	—	—	—	—	—	—	0.4	UL/CSA/TUV	166967PC	12.95	11.05	8.29	
	210770PC	ST	G25AC-51333	+5.1V@3A; +12.5V@0.75A; +33.3V@0.02A	25.0W	120@60	4.0x2.2x1.3	—	2.19	—	—	—	—	—	—	—	—	—	—	—	—	0.5	UL	210770PC	6.95	6.29	5.65	
Enclosed	205751PC	Volgen	EXU-150R7	+15V@0.7A	10.0W	100/120@50-60	3.7x2.9x0.9	2.3x1.7x0.08	1.04	—	0.8	↔	0.4	30	—	1.0	200	—	10-55Hz, 20G	10	72	0.4	UL/CSA	205751PC	12.95	11.69	10.49	Enclosed
	205727PC	Volgen	EXU-15001	+15V@1A	15.0W	100/120@50-60	4.4x2.9x0.9	2.3x1.7x0.08	1.31	—	0.8		0.4	30	—	1.0	200	—	10-55Hz, 20G	10	67	0.4	UL/CSA	205727PC	12.95	11.69	10.49	
	208961PC	Volgen	PRK15U-0524W	+5V@2.5A; +24V@0.4A	15.0W	120@50-60	4.6x3.2x1.1	4.0x2.5x0.08	0.93	100	1.0	↔	0.4	12	—	1.0	100	20	10-55Hz, 20G	5	64	0.5	UL/CSA	208961PC	14.95	13.49	12.15	
	205794PC	Volgen	PRK15U-1212W	+12V@1A; +12V@0.5A	15.0W	100/120@50-60	5.2x3.2x1.1	4.0x2.5x0.08	0.82	170	1.0		0.4	12	—	1.0	100	20	10-55Hz, 20G	5	64	0.4	UL/CSA	205794PC	12.95	11.69	10.49	

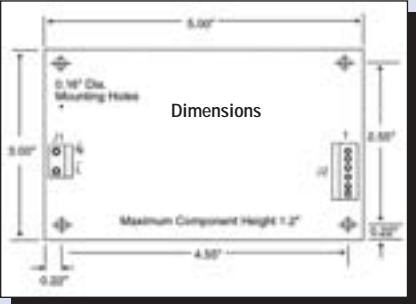
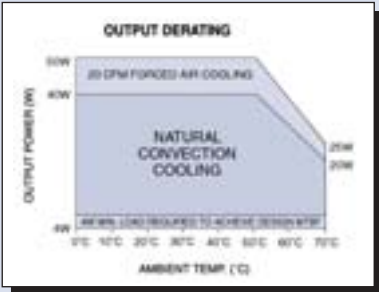
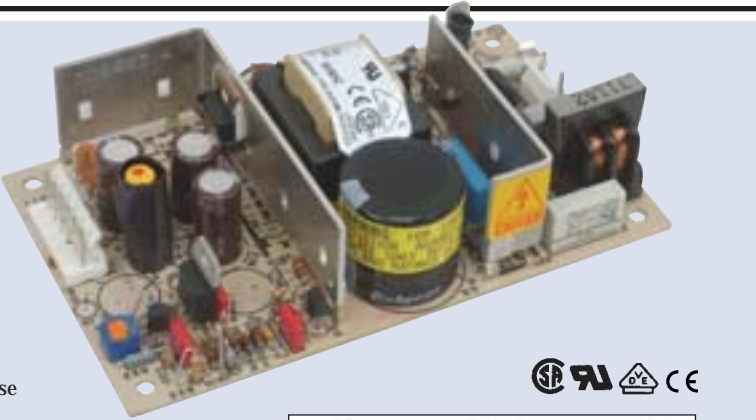
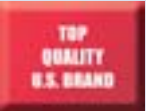


New Lower Prices
Marked in Red

40-Watt Open Frame

NFS-40 Series: Single & Triple Outputs

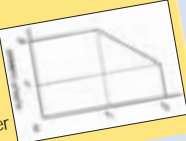
- 100% full-load burn-in
- No minimum load required
- 50 watts with 20 CFM of air
- 1U Package: 5" x 3" x 1.2"
- Mating connectors: P/Ns 104432PC & 104731PC, see www.Jameco.com
- 0° to +70°C working temperature (see output derating)
- Universal AC input
- 2.8 watts/in² maximum
- Two-year warranty



NEW Phihong
Power Supplies
below and on
pages 4-5

UNDERSTANDING
POWER SUPPLIES #1

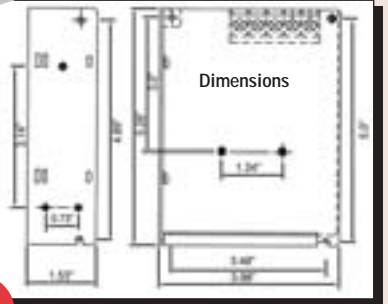
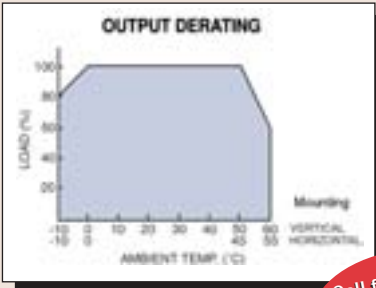
DERATING: The specified reduction in operating parameter to improve reliability. Generally for power supplies, it is the reduction in output power at elevated temperatures.



40-Watt Enclosed

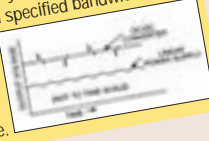
S-40 & T-40 Series: Single & Triple Output

- 100% full-load burn-in
- 105° C output capacitor
- Mating connectors: 103587PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Mounting hardware: use P/N 222121PC, 222156PC & 222172PC; see www.Jameco.com for specifications
- Universal AC input
- 1.6 watts/in² maximum
- Two-year warranty



UNDERSTANDING
POWER SUPPLIES #2

RIPPLE AND NOISE: The magnitude of AC voltage on the output of a power supply, expressed in millivolts peak-to-peak or RMS, at a specified bandwidth. This is the result of feed-through of the rectified line frequency, internal switching transients and other random noise.



Call for LOWER
PRICES on Larger
Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																				1	10	25	
Open Frame	229075PC	Phihong	PSA45-050	+5V@0-8A	40.0W	90-264@47-63	5.00x3.00x1.20	4.56x2.55x0.16	2.46	50	2.0		2.0	20	—	3.5	—	12	—	—	70	0.9	UL/CSA/TUV/CE	229075PC	\$29.95	\$26.95	\$24.25	Open Frame
	229091PC	Phihong	PSA45-120	+12V@0-4A	48.0W	90-264@47-63	5.00x3.00x1.20	4.56x2.55x0.16	2.66	120	2.0		2.0	20	—	3.5	—	12	—	—	70	0.9	UL/CSA/TUV/CE	229091PC	29.95	26.95	24.25	
	229112PC	Phihong	PSA45-240	+24V@0-2A	48.0W	90-264@47-63	5.00x3.00x1.20	4.56x2.55x0.16	2.66	240	2.0		2.0	20	—	3.5	—	12	—	—	70	0.9	UL/CSA/TUV/CE	229112PC	29.95	26.95	24.25	
	229121PC	Phihong	PSA4531	+5V@0-4A; +12V@0-1.5A; -12V@0-0.5A	44.0W	90-264@47-63	5.00x3.00x1.20	4.56x2.55x0.16	2.44	50	2.0	↔	2.0	20	—	3.5	—	12	—	—	70	0.9	UL/CSA/TUV/CE	229121PC	31.95	28.79	25.89	
	229139PC	Phihong	PSA4534	+5V@0-4A; +15V@0-1.2A; -15V@0-0.5A	45.5W	90-264@47-63	5.00x3.00x1.20	4.56x2.55x0.16	2.53	50	2.0		2.0	20	—	3.5	—	12	—	—	70	0.9	UL/CSA/TUV/CE	229139PC	31.95	28.79	25.89	
	229147PC	Phihong	PSA4541	+5V@0-3A; +12V@0-2A; -5V@0-0.5A; -12V@0-0.5A	47.5W	90-264@47-63	5.00x3.00x1.20	4.56x2.55x0.16	2.64	50	2.0		2.0	20	—	3.5	—	12	—	—	70	0.9	UL/CSA/TUV/CE	229147PC	32.95	29.65	26.69	
	218510PC	Artesyn	NFS40-7605	+5.1V@0-6A	30.6W	85-264@47-440	5.00x3.00x1.20	4.55x2.55x0.16	1.70	100	2.0		0.2	12	3,000	0.32	—	14	5-500Hz, 2.4G	5	70	0.6	UL/CSA/VDE/CE	218510PC	49.95	44.99	40.49	
	218528PC	Artesyn	NFS40-7612	+12V@0-3.3A	39.6W	85-264@47-440	5.00x3.00x1.20	4.55x2.55x0.16	2.20	120	2.0		0.2	12	3,000	0.32	—	14	5-500Hz, 2.4G	5	70	0.6	UL/CSA/VDE/CE	218528PC	49.95	44.99	40.49	
Enclosed	218536PC	Artesyn	NFS40-7624	+24V@0-1.6A	38.4W	85-264@47-440	5.00x3.00x1.20	4.55x2.55x0.16	2.13	240	2.0	↔	0.2	12	3,000	0.32	—	14	5-500Hz, 2.4G	5	70	0.6	UL/CSA/VDE/CE	218536PC	49.95	44.99	40.49	Enclosed
	190086PC	Artesyn	NFS40-7608	+5V@0-3A; +12V@0-2A; -12V@0-0.35A	43.2W	85-264@47-440	5.00x3.00x1.20	4.55x2.55x0.16	2.40	50	2.0		0.2	12	3,000	0.32	—	14	5-500Hz, 2.4G	5	70	0.6	UL/CSA/VDE/CE	190086PC	49.95	44.99	40.49	
	218552PC	Artesyn	NFS40-7610	+5V@0-3A; +15V@0-2A; -15V@0-0.35A	50.2W	85-264@47-440	5.00x3.00x1.20	4.55x2.55x0.16	2.79	50	2.0		0.2	12	3,000	0.32	—	14	5-500Hz, 2.4G	5	70	0.6	UL/CSA/VDE/CE	218552PC	49.95	44.99	40.49	
	123289PC	Mean Well	S-40-5	+5V@0-8A	40.0W	85-264@47-63	see diagram	see diagram	1.34	75	1.0		0.5	60	3,000	1.0	50	15	10-500Hz; 2G	10	72	1.0	UL/CUL/TUV/CE	123289PC	49.95	31.99	27.99	
	123297PC	Mean Well	S-40-12	+12V@0-3.5A	42.0W	85-264@47-63	see diagram	see diagram	1.41	100	0.5		0.5	30	3,000	1.0	50	15	10-500Hz; 2G	10	76	1.0	UL/CUL/TUV/CE	123297PC	49.95	31.99	27.99	
	202139PC	Mean Well	S-40-15	+15V@0-2.8A	42.0W	85-264@47-63	see diagram	see diagram	1.41	100	0.5		0.5	30	3,000	1.0	50	15	10-500Hz; 2G	10	76	1.0	UL/CUL/TUV/CE	202139PC	49.95	31.99	27.99	
	123318PC	Mean Well	S-40-24	+24V@0-1.8A	43.0W	85-264@47-63	see diagram	see diagram	1.44	100	0.5	↔	0.5	30	3,000	1.0	50	15	10-500Hz; 2G	10	78	1.0	UL/CUL/TUV/CE	123318PC	49.95	31.99	27.99	
	201988PC	Mean Well	T-40A	+5V@0.6-3A; +12V@0.2-2A; -5V@0.1-0.5A	41.5W	85-264@47-63	see diagram	see diagram	1.43	100	0.5		0.5	20	3,000	3.5	50	16	10-500Hz, 2G	10	72	1.0	UL/CUL/CE	201988PC	54.95	34.99	30.99	
Enclosed	201996PC	Mean Well	T-40B	+5V@0.6-3A; +12V@0.2-2A; -12V@0.1-0.5A	45.0W	85-264@47-63	see diagram	see diagram	1.55	100	0.5		0.5	20	3,000	3.5	50	16	10-500Hz, 2G	10	72	1.0	UL/CUL/CE	201996PC	54.95	34.99	30.99	Enclosed
	202008PC	Mean Well	T-40C	+5V@0.6-3A; +15V@0.2-1.5A; -15V@0.1-0.5A	45.0W	85-264@47-63	see diagram	see diagram	1.55	100	0.5		0.5	20	3,000	3.5	50	16	10-500Hz, 2G	10	72	1.0	UL/CUL/CE	202008PC	54.95	34.99	30.99	

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty															Limited Supply – Special Offers – 90-Day Warranty														
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxD)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)		Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price				
	Voltage@Current (min-max)	Power	Jameco Part No.	1	10																			25					
Open Frame	210841PC	Power-One	MAP42-1005	+5V@0-8A	40.0W	120-240@50-60	5.0x3.0x1.3	4.6x2.6x0.16	2.05	50	1.0		0.2	38	2,600	0.5	20	15		10	70	0.6	UL/CSA/TUV/CE	210841PC	\$54.95 \$19.95	\$14.99	\$10.49	Open Frame	
	173551PC	Autec	UPS40-1002	+5V@0.2-3A; +12V@0.1-2A	40.0W	115/230@50-60	7.0x2.0x1.2	6.6x1.6x0.16	2.38	50	3.0		0.5	20	3,600	—	—	—		65	0.5	UL/CSA/TUV	173551PC	10.95	9.85	8.85			
	210788PC	Samsung	PSPL430201A	+5V@5A; +12V@1.5A	43.0W	100-120@50-60	6.1x2.1x1.0	—	3.28	—	↔	—	—	—	—	—	—		—	—	0.6	UL/CUL	210788PC	9.95	8.95	7.95			
	163985PC	Astec	BM41012	+5V@3.75A; +12V@1.5A; -12V@0.4	41.0W	115@50-60	6.4x3.2x1.7	—	1.18	—	—		—	—	—	—	—		—	—	1.0	UL/CSA/VDE	163985PC	14.95	12.75	9.59			
	168225PC	Converter Concepts	STRC0006	+5V@2.7A; +12V@1.2A; +35V@.35A; -5V@.18A	30.0W	85-135@57-63	9.0x2.0x1.6	—	0.78	—	—		—	—	—	—	—	—		—	—	0.5	UL	168225PC	5.95	5.35	4.79		
Enclosed	208944PC	Volgen	EXU-5006	+5V@6A	30.0W	120@50-60	4.7x2.9x1.4	—	1.57	—	0.8		0.4	30	2,000	0.5	200	—	10-55Hz, 2G	10	76	0.6	UL/CSA	208944PC	\$34.95 19.95	17.99	16.19	Enclosed	
	205882PC	Volgen	MRE-05006U	+5V@6A	30.0W	115/240@50-60	6.2x3.9x1.4	—	0.88	100	0.8		0.4	—	3,000	0.7	200	—	10-55Hz, 20G	10	—	0.5	UL/CSA/TUV	205882PC	\$34.95 17.95	16.19	14.55		
	205778PC	Volgen	EXU-480R6	+48V@0.6A	30.0W	100/120@50-60	5.4x2.9x1.3	3.9x1.3x0.12	1.47	—	0.8		0.4	30	2,000	0.5	200	—	10-55Hz, 2G	10	76	0.5	UL	205778PC	\$34.95 19.95	17.99	16.19		
	205807PC	Volgen	PRK30U-0512W	+5V@3A; +12V@1.2A	30.0W	100/120@50-60	6.3x3.6x1.5	4.0x2.5x0.08	0.88	100	1.0	↔	0.4	35	1,500	0.5	100	20	10-55Hz, 2G	5	75	0.6	UL/CSA	205807PC	\$34.95 19.95	17.99	16.19		
	205815PC	Volgen	PRK30U-0524W	+5V@3A; +24V@0.6A	30.0W	100/120@50-60	6.3x3.6x1.5	4.0x2.5x0.08	0.88	100	1.0		0.4	35	1,500	0.5	100	20	10-55Hz, 2G	5	75	0.6	UL/CSA	205815PC	\$34.95 19.95	17.99	16.19		
	205823PC	Volgen	PRK30U-1212W	+12V@1A; +12V@1A	30.0W	100/120@50-60	6.3x3.6x1.5	4.0x2.5x0.08	0.88	170	1.0		0.4	35	1,500	0.5	100	20	10-55Hz, 2G	5	75	0.6	UL/CSA	205823PC	\$34.95 19.95	17.99	16.19		

* Primary Output

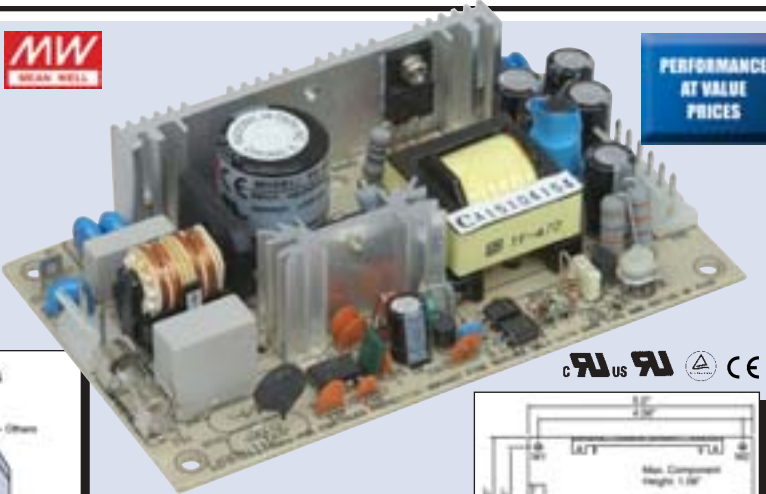


45-Watt Open Frame

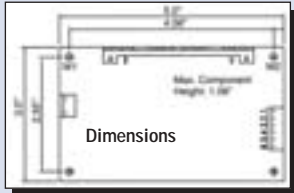
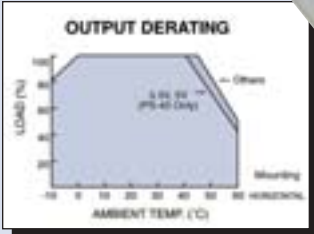
PS-45, PD-45 & PT-45 Series: Single, Dual & Triple Outputs

- 100% full-load burn-in
- 2.7 watts/in² maximum
- 105°C output capacitor
- Mating connectors: 104432PC & 104731PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Universal AC input
- Two-year warranty

Detailed in blue below, the Mean Well PS-45, PD-45 and PT-45 series offer excellent performance with high reliability in a small open-frame package. These 45-watt switchers support full output power with free-air convection cooling. The high-density open-frame package features industry-standard mounting dimensions and only 1.1" component height. Intended for virtually any medium power-application, these units provide short-circuit and over-voltage protection, as well as overload protection with auto-recovery.



PERFORMANCE AT VALUE PRICES



60-Watt Enclosed

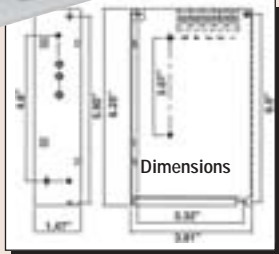
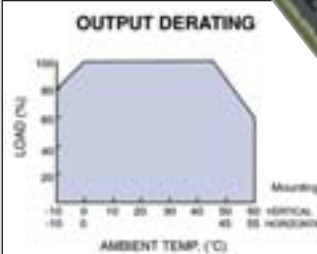
S-60, D-60, T-60 & Q-60 Series: Single, Dual, Triple & Quad Outputs

- 100% full-load burn-in
- 105°C output capacitor
- Two-year warranty
- Mating connectors: 103587PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Mounting hardware: use P/N 222130PC, 222156PC & 222172PC; see www.Jameco.com for specifications
- Universal AC input
- 1.7 watts/in² maximum



PERFORMANCE AT VALUE PRICES

Highlighted in tan, these highly popular series have long been among Mean Well's most requested products. The solid, reliable, low-cost design features overload protection to 150% of rated load with auto-recovery, and over-voltage protection to 135% of rated output voltage. Input AC surge current is limited to a safe level by a novel soft-start circuit. Working temperature is -10°C to 60°C, with derating below 0°C and above 45°C. Safety standards include UL1012, UL1950, IEC950 and TUV EN60950, and these products all carry the European CE mark. The DC output voltage can be adjusted ±10% of nominal rating.



Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																				1	10	25	
Open Frame	217331PC	Mean Well	PS45-5	+5V@0-8A	40.0W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	2.22	100	3.0	↔	1.0	20	3,000	0.5	30	20	10-500Hz; 2G	10	74	0.5	UL/CUL/TUV/CE	217331PC	\$29.95	\$19.99	\$17.99	Open Frame
	213727PC	Mean Well	PS45-12	+12V@0-3.7A	44.4W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	2.47	100	2.0		1.0	20	3,000	0.5	30	20	10-500Hz; 2G	10	76	0.5	UL/CUL/TUV/CE	213727PC	29.95	19.99	17.99	
	213719PC	Mean Well	PS45-24	+24V@0-1.9A	45.6W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	2.53	100	2.0		1.0	20	3,000	0.5	30	20	10-500Hz; 2G	10	78	0.5	UL/CUL/TUV/CE	213719PC	29.95	19.99	17.99	
	213701PC	Mean Well	PS45-48	+48V@0-1A	48.0W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	2.67	100	2.0		1.0	20	3,000	0.5	30	20	10-500Hz; 2G	10	78	0.5	UL/CUL/TUV/CE	213701PC	29.95	19.99	17.99	
	194861PC	Mean Well	PD45A	+5V@0.4-3.2A; +12V@0.2-2	40.0W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	2.42	50	3.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	77	0.5	UL/CUL/TUV/CE	194861PC	33.95	20.99	18.99	
	194870PC	Mean Well	PD45B	+5V@0.4-3.2A; +24V@0.2-1.2A	44.8W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	2.72	50	3.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	78	0.5	UL/CUL/TUV/CE	194870PC	33.95	20.99	18.99	
Enclosed	88401PC	Mean Well	PT45B	+5V@0.4-3A; +12V@0.2-2A; -12V@0-0.3A	45.0W	90-264@47-440	5.00x3.00x1.06	4.56x2.55x0.15	1.88	50	3.0	↔	1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	75	0.5	UL/CUL/TUV/CE	88401PC	33.95	22.99	19.99	Enclosed
	123326PC	Mean Well	S-60-5	+5V@0-12A	60.0W	85-264@47-63	see diagram	see diagram	1.67	120	1.0		0.5	30	3,000	3.5	50	10	10-500Hz; 2G	10	73	1.2	UL/CUL/TUV/CE	123326PC	57.95	35.99	30.99	
	123334PC	Mean Well	S-60-12	+12V@0-5A	60.0W	85-264@47-63	see diagram	see diagram	1.67	120	0.5		0.5	30	3,000	3.5	50	10	10-500Hz; 2G	10	76	1.2	UL/CUL/TUV/CE	123334PC	57.95	35.99	30.99	
	123342PC	Mean Well	S-60-15	+15V@0-4A	60.0W	85-264@47-63	see diagram	see diagram	1.67	150	0.5		0.5	30	3,000	3.5	50	10	10-500Hz; 2G	10	77	1.2	UL/CUL/TUV/CE	123342PC	57.95	35.99	30.99	
	123351PC	Mean Well	S-60-24	+24V@0-2.5A	60.0W	85-264@47-63	see diagram	see diagram	1.67	150	0.5		0.5	30	3,000	3.5	50	10	10-500Hz; 2G	10	79	1.2	UL/CUL/TUV/CE	123351PC	57.95	35.99	30.99	
	123457PC	Mean Well	D-60A	+5V@0.3-4A; +12V@0.2-3A	56.0W	85-264@47-63	see diagram	see diagram	1.56	75	0.5		0.5	30	3,000	1.0	50	10	10-500Hz; 2G	10	73	1.2	UL/CUL/TUV/CE	123457PC	60.95	37.99	32.99	
	123465PC	Mean Well	D-60B	+5V@0.3-3A; +24V@0.2-1.8A	58.0W	85-264@47-63	see diagram	see diagram	1.62	75	0.5		0.5	30	3,000	1.0	50	10	10-500Hz; 2G	10	76	1.2	UL/CUL/TUV/CE	123465PC	60.95	37.99	32.99	
	123473PC	Mean Well	T-60A	+5V@0.5-5A; +12V@0.2-2.5A; -5V@0-0.5A	57.5W	85-264@47-63	see diagram	see diagram	1.60	100	1.0		0.5	30	3,000	1.0	50	10	10-500Hz; 2G	10	72	1.2	UL/CUL/TUV/CE	123473PC	60.95	38.99	34.99	
	123481PC	Mean Well	T-60B	+5V@0.5-5A; +12V@0.2-2.5A; -12V@0-0.5A	61.0W	85-264@47-63	see diagram	see diagram	1.70	100	1.0		0.5	30	3,000	1.0	50	10	10-500Hz; 2G	10	72	1.2	UL/CUL/TUV/CE	123481PC	60.95	38.99	34.99	
	123490PC	Mean Well	T-60C	+5V@0.5-5A; +15V@0.2-2A; -15V@0-0.5A	62.5W	85-264@47-63	see diagram	see diagram	1.61	100	1.0		0.5	30	3,000	1.0	50	10	10-500Hz; 2G	10	72	1.2	UL/CUL/TUV/CE	123490PC	60.95	38.99	34.99	
	147045PC	Mean Well	Q-60B	+5V@0.5-5.5A; +12V@0.1-2A; -5V@0-0.5A; -12V@0-0.5A	60.0W	85-264@47-63	see diagram	see diagram	1.63	100	0.5		0.5	18	3,000	1.0	20	12	10-500Hz; 2G	10	70	1.2	UL/CUL	147045PC	65.95	40.99	35.99	

* Primary Output

SALE	Limited Supply – Special Offers – 90-Day Warranty															Limited Supply – Special Offers – 90-Day Warranty															SALE
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price						
				Voltage@Current (min-max)	Power																				1	10	25				
Open Frame	190300PC	Phihong	PSA50201	+5V@1-8A; +12V@0-0.5A	46.0W	100-240@50-60	5.0x3.0x1.2	4.6x2.6x0.16	2.56	50	2.0		1.0	20	1,500	1.0	—	16	10-55Hz; 2G	1	70	0.6	UL/CUL/TUV	190300PC	\$39.95	\$3.95	\$3.59	\$3.25	Open Frame		
	169050PC	Autec	UPS50-2002	+5V@0.2-3A; +12V@0.1-3A	51.0W	90-264@47-440	5.0x3.0x1.9	4.6x2.6x0.16	1.79	50	3.0		0.5	20	3,750	—	—	20	—	—	70	0.7	UL/CSA/TUV	169050PC	\$11.95	11.95	10.75	9.69			
	206463PC	Skynet	SNP-9F43-2	+5V@0-3A; +12V@0-3.5A	57.0W	115/230@50-60	5.0x3.0x1.3	4.6x2.6x0.16	2.92	50	1.0		1.0	30	—	—	—	20	—	—	70	0.5	UL/CSA/TUV	206463PC	\$12.95	12.95	11.05	8.29			
	204548PC	IPD Power	SRW-45-3102	+5V@2.5A; +14.5V@2A; -5.2V@3A	45.0W	85-264@47-63	5.0x3.0x1.2	4.6x2.6x0.16	2.50	—	0.5	↔	—	40	4,250	—	—	16	—	10	68	0.5	—	204548PC	\$11.75	11.75	10.75	9.75			
	204530PC	Phihong	PSA-60-302	+5.1V@6A; +12V@1.2A; -12V@1.2A	60.0W	100-240@50-60	5.0x3.0x1.6	4.5x2.5x0.15	1.25	50	2.0		2.0	30	—	0.75	—	12	—	1	70	0.7	UL/CSA/VDE	204530PC	\$14.95	14.95	13.49	12.15			
	226211PC	IPD Power	SRW-45-4008	+3.3V@5A; +3.3V@3A; +5V@3A; +12V@0.7A	45.0W	85-264@47-63	5.0x3.0x1.2	4.6x2.6x0.16	2.50	—	0.5		—	40	4,250	—	—	16	—	10	68	0.5	UL/CUL/TUV/CE	226211PC	\$29.95	29.95	26.95	24.29			
	204492PC	IPD Power	SRW-45-4002	+5V@5A; +15V@0.7A; -5V@2A; -15V@0.7A	45.0W	85-264@47-63	5.0x3.0x1.2	4.6x2.6x0.16	2.50	—	0.5		—	40	4,250	—	—	16	—	10	68	0.5	UL/CSA/TUV/CE	204492PC	\$12.49	12.49	11.35	10.35			
	204476PC	IPD Power	SRW-45-4004-27	+5V@5A; +15V@0.7A; +27V@1A; -15V@0.7A	45.0W	85-264@47-63	5.0x3.0x1.1	4.6x2.6x0.16	2.73	—	0.5		—	40	4,250	—	—	16	—	10	68	0.5	UL/CUL/TUV/CE	204476PC	\$19.95	19.95	17.99	16.19			
Enclosed	211115PC	Fortron	SU65P10C	+5V@0-10A	50.0W	85-264@47-63	6.1x4.2x2.2	4.8x3.2x0.17	0.87	50	—		0.5	15	3,000	0.85	—	10	—	—	70	1.5	UL/CSA/TUV/CE	211115PC	\$8.95	8.95	7.95	7.29	Enclosed		
	205874PC	Volgen	MRE-124R2U	+12V@4.2A	50.0W	115/240@50-60	7.1x3.9x1.6	6.7x3.6x0.08	1.13	—	—		—	—	—	—	—	—	—	—	—	0.7	UL/CSA/TUV/CE	205874PC	\$21.95	21.95	19.79	17.79			
	208936PC	Volgen	EXU-481R1	+48V@1.1A	52.8W	120@50-60	4.7x3.6x1.5	—	2.08	—	0.8	↔	0.4	30	2,000	0.5	200	—	10-55Hz; 20G	10	78	0.8	UL	208936PC	\$21.95	21.95	19.79	17.79			
	205680PC	Volgen	ESK50U-0524W	+5V@3A; +24V@1.5A	51.0W	115/220@50-60	7.1x4.0x1.2	—	1.50	—	—		—	—	—	—	—	—	—	—	—	0.8	UL	205680PC	\$21.95	21.95	19.79	17.79			
	205997PC	Volgen	ERK50-0524W	+5V@6A; +24V@1.5A	50.0W	120/240@50-60	7.9x4.1x1.6	—	0.96	—	—		—	—	—	—	—	—	—	—	—	1.4	—	205997PC	\$16.95	16.95	15.29	13.75			
	205831PC	Volgen	PRK50U-1515W	+15V@1.5A; +15V@1.5A	50.0W	100/120@50-60	7.6x3.7x1.5	6.0x3.0x0.08	1.19	200	1.0		0.4	—	1,500	0.5	100	20	10-55Hz; 20G	5	75	0.6	UL/CSA	205831PC	\$21.95	21.95	19.79	17.79			



New Lower Prices
Marked in Red

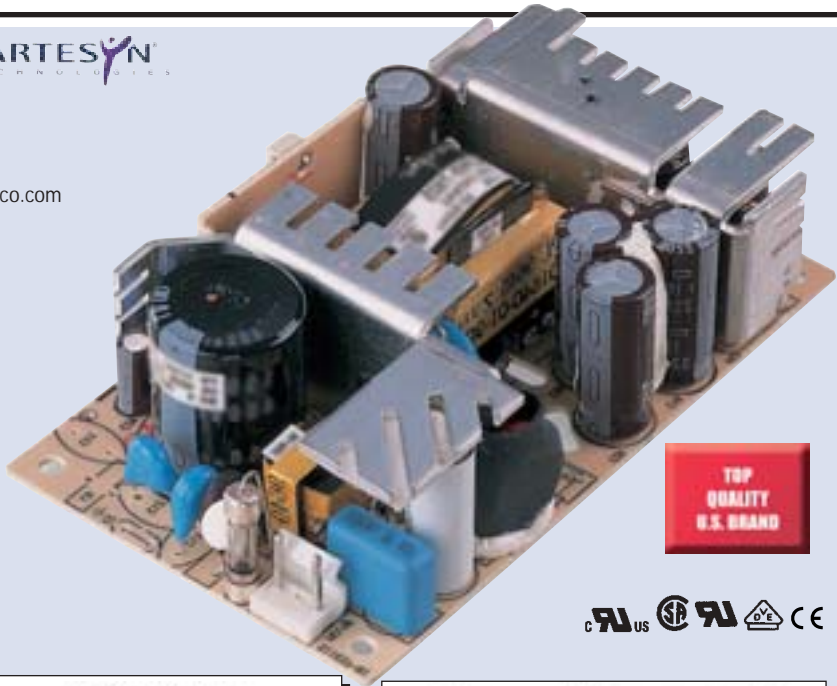
65-Watt Open Frame

NLP65-76 Series: Single & Triple Outputs

- 100% full-load burn-in
- 75 watts with 20 CFM of air
- 1U Package: 5" x 3" x 1.3"
- Mating connectors: P/Ns 104432PC & 104731PC, see www.Jameco.com
- 0° to +70°C working temperature (see output derating)
- Universal AC input
- 3.9 watts/in² maximum
- Two-year warranty

Detailed in blue below, the Artesyn NLP65 series is on a 5" x 3" card with maximum component height of 1.26" – one of the smallest in the industry and perfect for 1U applications. With just 20 CFM of air, the power can be boosted 15% to 75 watts from the free-air power of 65 watts. The NLP65 series, with full international safety approvals, and the CE mark, meets conducted and radiated emissions EN55022; and complies to EN61000-4-2/3/4/5/6 immunity standards. If Power Factor Correction is required, the Artesyn NLP65-96 series is also available in the same package (see pages 12-13).

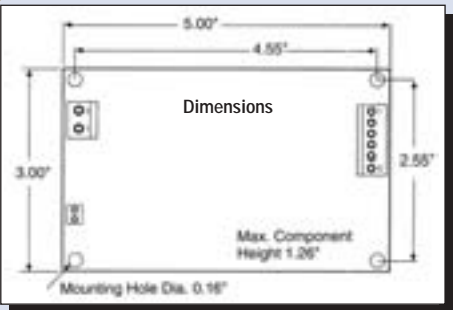
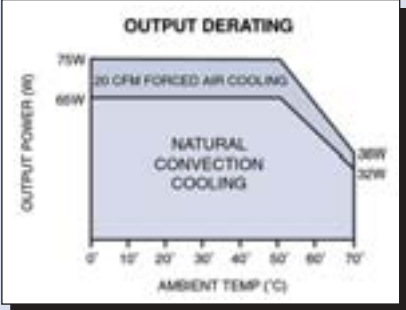
The NLP65 is designed for use in low power data networking, computer and telecom applications such as hubs, routers POS terminals, internet servers, cable modems and PBXs; as well as many industrial applications.



UNDERSTANDING POWER SUPPLIES #3 & 4

SOFT-START: A feature which limits the start-up switching currents of a switching supply and causes the output voltage to rise gradually to its final value.

MTBF: Mean Time Between Failure. The failure rate of a power supply, expressed in hours, established by the actual operation or calculation from a known standard such as MIL-HDBK-217.

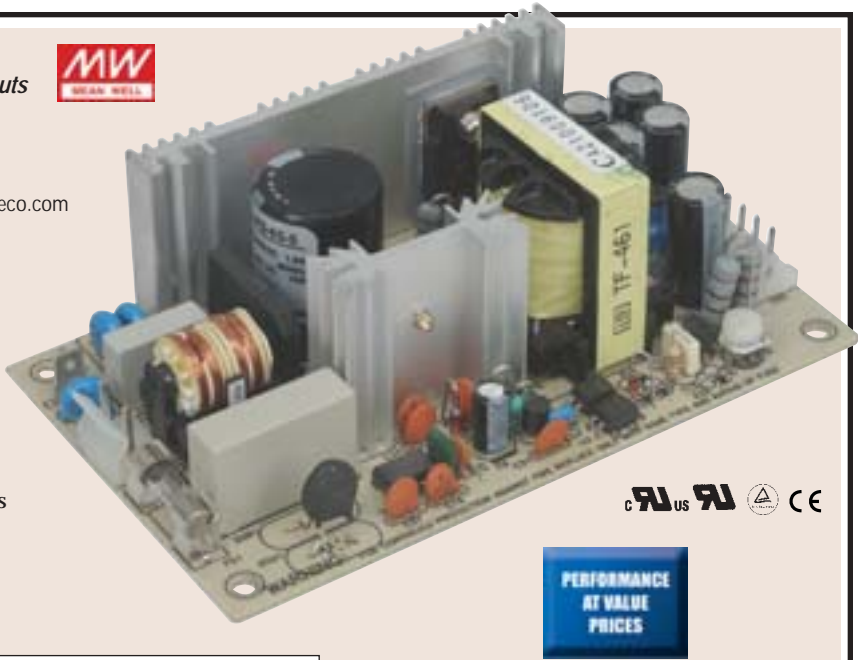


65-Watt Open Frame

PS-65, PD-65 & PT-65 Series: Single, Dual & Triple Outputs

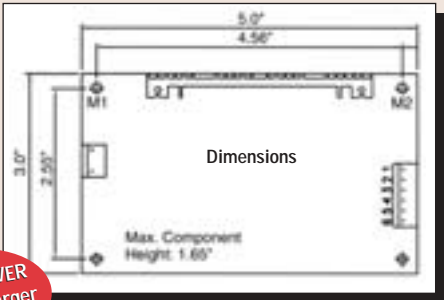
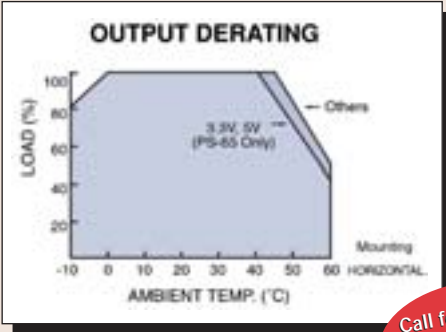
- 100% full-load burn-in
- 105°C output capacitor
- Two-year warranty
- Mating connectors: P/Ns 104432PC & 104731PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Universal AC input
- 2.9 watts/in² maximum

Highlighted in tan below, the PS-65 and PT-65 series open-frame switchers from Mean Well are packaged in a high-density board with industry-standard mounting dimensions and only 1.7" component height. Their impressive reliability derives from a conservative design, the exclusive use of high-quality components, and 100% full-load burn-in. Full rated power is available with free-air convection cooling. They are approved by UL and TUV, and carry the CE mark, for use worldwide. Assured to operate correctly anywhere in the world, these switchers feature universal voltage input ranges of 85-264VAC and 120-370VDC.



UNDERSTANDING POWER SUPPLIES #5

ISOLATION: The electrical separation between input and output of a power supply by means of the power transformer. The isolation resistance (normally in megaohms) and the isolation capacitance (normally in picofarads) are generally specified and are a function of materials and spacings employed throughout the power supply.



Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Quantities	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																						1	10	25	
Open Frame	218561PC	Artesyn	NLP65-7605	+5V@0-13A	65.0W	85-264@47-63	—	5.00x3.00x1.26	4.55x2.55x0.16	3.33	50	2.0		2.0	17	3,000	0.7	1000	16	5-500Hz; 2.4G	—	72	0.6	UL/CUL/CSA/VDE/CE	218561PC	\$64.59	\$57.95	\$54.59	Open Frame	
	218579PC	Artesyn	NLP65-7612	+12V@0-5.4A	64.8W	85-264@47-63	—	5.00x3.00x1.26	4.55x2.55x0.16	3.32	120	2.0		2.0	17	3,000	0.7	1000	16	5-500Hz; 2.4G	—	72	0.6	UL/CUL/CSA/VDE/CE	218579PC	64.59	57.95	54.59		
	218587PC	Artesyn	NLP65-7608	+5V@0-7.5A; +12V@0-2.5A; -12V@0-0.65A	75.3W	85-264@47-63	—	5.00x3.00x1.26	4.55x2.55x0.16	3.86	50	2.0		2.0	17	3,000	0.7	1000	16	5-500Hz; 2.4G	—	72	0.6	UL/CUL/CSA/VDE/CE	218587PC	64.59	57.95	54.59		
	201937PC	Mean Well	PS-65-5	+5V@0-12A	60.0W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.50	100	3.0	↔	1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	76	0.6	UL/CUL/TUV/CE	201937PC	33.95	22.99	19.99		
	148638PC	Mean Well	PS-65-12	+12V@0-5.2A	62.4W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.60	100	2.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	79	0.6	UL/CUL/TUV/CE	148638PC	33.95	22.99	19.99		
	216750PC	Mean Well	PS-65-15	+15V@0-4.2A	63.0W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.63	100	2.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	79	0.6	UL/CUL/TUV/CE	216750PC	33.95	22.99	19.99		
	148646PC	Mean Well	PS-65-24	+24V@0-2.7A	64.8W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.70	100	2.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	80	0.6	UL/CUL/TUV/CE	148646PC	33.95	22.99	19.99		
	201945PC	Mean Well	PS-65-27	+27V@0-2.4A	64.8W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.70	100	2.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	80	0.6	UL/CUL/TUV/CE	201945PC	30.95	27.89	21.95		
	201953PC	Mean Well	PS-65-48	+48V@0-1.35A	64.8W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.70	100	2.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	80	0.6	UL/CUL/TUV/CE	201953PC	33.95	22.99	19.99		
	194888PC	Mean Well	PD65A	+5V@0.4-7A; +12V@0.2-3.2A	61.1W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.72	50	3.0	↔	1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	78	0.6	UL/CUL/TUV/CE	194888PC	35.95	23.99	20.99		
	194896PC	Mean Well	PD65B	+5V@0.4-3.5A; +24V@0.2-2A	65.5W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.91	50	4.0		2.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	81	0.6	UL/CUL/TUV/CE	194896PC	35.95	23.99	20.99		
	216733PC	Mean Well	PT-65B	+5V@0.4-5.5A; +12V@0.2-2.5A; -12V@0-0.5A	63.5W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.49	50	4.0		2.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	77	0.6	UL/CUL/TUV/CE	216733PC	34.95	25.99	22.99		
	216725PC	Mean Well	PT-65C	+5V@0.4-5.5A; +15V@0.2-2A; -15V@0-0.5A	65.0W	90-264@47-440	—	5.00x3.00x1.65	4.56x2.55x0.15	2.55	50	3.0		1.0	20	3,000	0.5	20	20	10-500Hz; 2G	10	77	0.6	UL/CUL/TUV/CE	216725PC	34.95	25.99	22.99		

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty															Limited Supply – Special Offers – 90-Day Warranty														
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																					1	10	25	
Open Frame	169068PC	Autec	UPS65-1051	+5V@0.2-13A	65.0W	115/230@50-60	—	6.0x3.5x1.5	4.8x3.2x0.16	2.06	50	1.0	↔	0.5	20	3,750	—	—	20	—	—	70	0.8	UL/CSA/VDE	169068PC	\$11.95	\$10.19	\$7.65	Open Frame
	204468PC	IPD Power	SRW-65-2006	+5V@9A; +12V@2A	65.0W	85-264@47-63	—	6.0x4.0x1.1	5.7x3.5x0.15	2.46	50	1.0		—	40	4,250	—	—	16	—	10	72	0.9	UL/CUL/TUV/CE	204468PC	\$16.95	\$15.29	\$13.75	
	196824PC	Encad	U006612010	+5.2V@3A; +24V@2A	65.0W	90-250@50-60	—	6.3x3.9x1.5	—	1.76	—	—		—	—	—	—	—	—	—	—	—	0.6	UL/CUL/TUV	196824PC	\$15.95	\$13.59	\$10.19	
	215706PC	Mean Well	PT-65D	+5V@0.5-4A; +12V@0.2-2A; +24V@0.2-1A	65.0W	90-264@47-440	—	5.0x3.0x1.5	4.6x2.6x0.15	2.89	50	2.0	1.0	20	3,000	0.5	30	20	10-500Hz; 2G	10	79	0.6	UL/CUL/TUV/CE	215706PC	29.95	26.95	24.29		
	229850PC	IPD Power	SRW-65-3003	+5V@5A; +15V@3.5A; -15V@1A	65.0W	85-264@47-63	—	6.0x4.0x1.1	5.7x3.5x0.15	2.46	50	1.0	—	40	4,242	—	—	16	—	10	72	0.8	UL/CUL/TUV/CE	229850PC	22.95	20.69	18.59		
	204484PC	IPD Power	SRW-65-4003	+5V@5A; +12V@2A; +24V@1A; -12V@2A	65.0W	85-264@47-63	—	6.0x4.0x1.1	5.7x3.5x0.16	2.46	—	—	1.0	—	40	4,250	—	—	16	—	10	72	0.9	UL/CSA/TUV	204484PC	\$21.95	\$19.79	\$17.79	

* Primary Output





New Lower Prices
Marked in Red

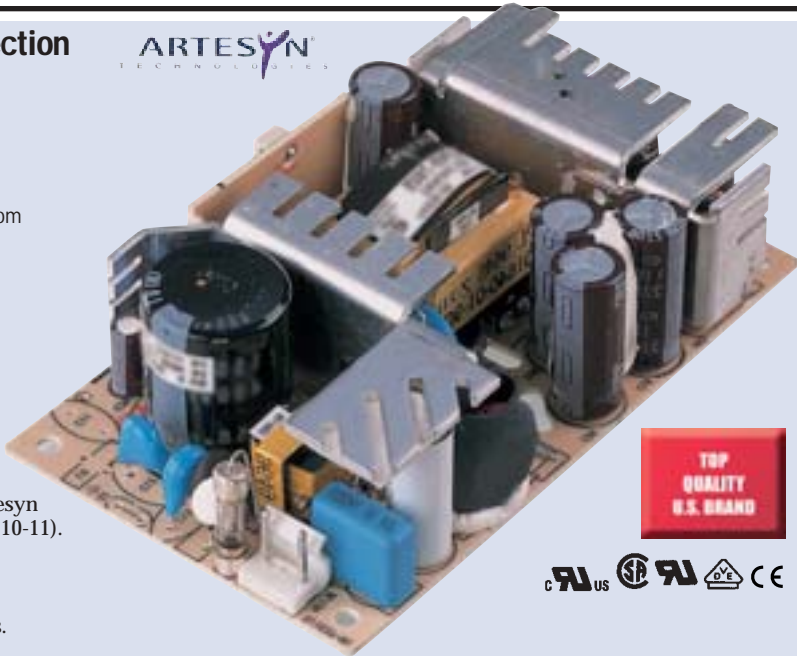
65-Watt Open Frame with Power Factor Correction

NLP65-96 Series: Single & Triple Outputs

- 100% full-load burn-in
- No minimum load required
- 75 watts with 20 CFM of air
- 1U Package: 5" x 3" x 1.3"
- Mating connectors: P/Ns 104432PC & 104731PC, see www.Jameco.com
- 0° to +70°C working temperature (see output derating)
- Universal AC input
- 3.9 watts/in² maximum
- Two-year warranty
- Power Factor Correction

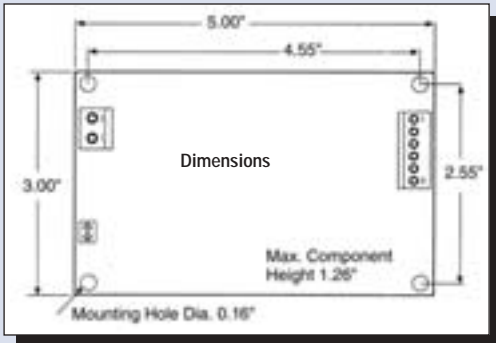
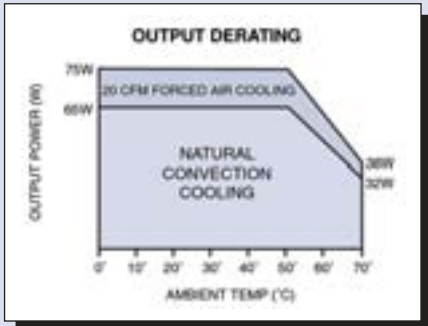
Detailed in blue below, the Artesyn NLP65 series are on a 5" x 3" card with maximum component height of 1.26" – one of the smallest in the industry and perfect for 1U applications. With just 20 CFM of air, the power can be boosted 15% to 75 watts from the free-air power of 65 watts. The NLP65 series, with full international safety approvals, and the CE mark, meets conducted and radiated emissions EN55022; and complies to EN61000-4-2/3/4/5/6 immunity standards. The Artesyn NLP65-96 models provide input harmonic current correction (Power Factor Correction) to satisfy EN61000-3-2. If Power Factor Correction is not required, the Artesyn NLP65-76 series is also available in the same package (see pages 10-11).

The NLP65 is designed for use in low power data networking, computer and telecom applications such as hubs, routers POS terminals, internet servers, cable modems and PBXs; as well as many industrial applications.



UNDERSTANDING POWER SUPPLIES #6

P.F.C. POWER FACTOR CORRECTION: Standard AC/DC converters draw line current in pulses around the peaks in line voltage. This may be undesirable for several reasons. PFC circuits ensure that the line current is drawn sinusoidally and in phase with the sinusoidal line voltage.



75-Watt Enclosed with Power Factor Correction

SP-75 Series: Single Output

- 100% full-load burn-in
- No minimum load required
- 105°C output capacitor
- Power Factor Correction
- Mating connectors: P/N 103587PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Mounting hardware: use P/N 222148PC, 222156PC, 222164PC & 222172PC; see www.Jameco.com for specifications
- Universal AC input
- 2.1 watts/in² maximum
- Three-year warranty

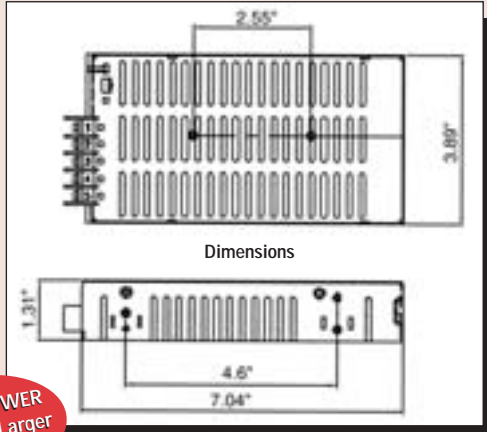
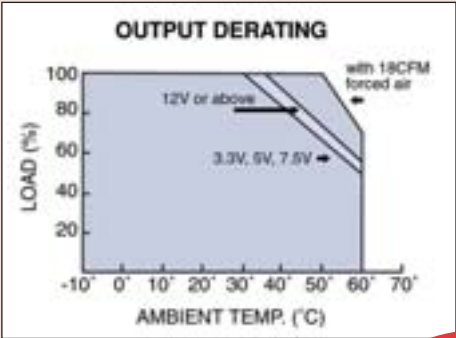
Highlighted in tan below, the Mean Well SP-75 series features input Power Factor Correction that meets EN61000-3-2, required in Europe for power supplies 75 watts and above. They are approved by UL and TUV, and carry the CE mark for use worldwide. The high-density enclosed packaging results in a profile of only 1.3" and a power density of 2.1 watts per inch². As with all Mean Well power products, every SP-75 product is subjected to 100% full-load burn-in testing. This rigorous production procedure detects infant product failures, contributing to Mean Well's world-class reliability. Protection includes short-circuit, overload and over-voltage.



UNDERSTANDING POWER SUPPLIES #7 & 8

THERMAL PROTECTION: An internal safeguard circuit in a power supply which shuts down the unit in the event of excess internal temperature.

SHORT-CIRCUIT PROTECTION: A feature which limits the output current of a power supply under short-circuit conditions so that the supply will not be damaged.



Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																					1	10	25	
Open Frame	218595PC	Artesyn	NLP65-9612	+12V@0-5.4A	64.8W	85-264@47-63	✓	5.00x3.00x1.26	4.55x2.55x0.16	3.32	120	2.0	↔	2.0	17	3,000	0.7	1000	16	5-500Hz; 2.4G	—	72	0.6	UL/CUL/CSA/VDE/CE	218595PC	\$74.95	\$67.49	\$60.75	Open Frame
	218608PC	Artesyn	NLP65-9624	+24V@0-2.7A	64.8W	85-264@47-63	✓	5.00x3.00x1.26	4.55x2.55x0.16	3.32	240	2.0		2.0	17	3,000	0.7	1000	16	5-500Hz; 2.4G	—	72	0.6	UL/CUL/CSA/VDE/CE	218608PC	74.95	67.49	60.75	
	218616PC	Artesyn	NLP65-9608	+5V@0-7.5A; +12V@0-2.5A; -12V@0-0.65A	75.3W	85-264@47-63	✓	5.00x3.00x1.26	4.55x2.55x0.16	3.86	50	2.0		2.0	17	3,000	0.7	1000	16	5-500Hz; 2.4G	—	72	0.6	UL/CUL/CSA/VDE/CE	218616PC	74.95	67.49	60.75	
Enclosed	194829PC	Mean Well	SP75-5	+5V@0-15A	75.0W	85-264@47-63	✓	see diagram	see diagram	2.11	80	1.0	↔	0.5	40	3,000	2.0	60	20	10-500Hz; 2G	10	72	1.2	UL/CUL/TUV/CE	194829PC	75.95	55.49	48.99	Enclosed
	194837PC	Mean Well	SP75-12	+12V@0-6.3A	75.6W	85-264@47-63	✓	see diagram	see diagram	2.13	80	0.5		0.5	40	3,000	2.0	60	20	10-500Hz; 2G	10	77	1.2	UL/CUL/TUV/CE	194837PC	75.95	55.49	48.99	
	194845PC	Mean Well	SP75-15	+15V@0-5A	75.0W	85-264@47-63	✓	see diagram	see diagram	2.11	80	0.5		0.5	40	3,000	2.0	60	20	10-500Hz; 2G	10	79	1.2	UL/CUL/TUV/CE	194845PC	75.95	55.49	48.99	
	194853PC	Mean Well	SP75-24	+24V@0-3.2A	76.8W	85-264@47-63	✓	see diagram	see diagram	2.16	100	0.5		0.5	40	3,000	2.0	60	20	10-500Hz; 2G	10	80	1.2	UL/CUL/TUV/CE	194853PC	75.95	55.49	48.99	
	216805PC	Mean Well	SP75-48	+48V@0-1.6A	76.8W	85-264@47-63	✓	see diagram	see diagram	2.16	100	0.5		0.5	40	3,000	2.0	60	20	10-500Hz; 2G	10	80	1.2	UL/CUL/TUV/CE	216805PC	75.95	55.49	48.99	

Other Versions Available: Call 800-831-4242

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty																										SALE					
Open Frame	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			Open Frame		
	Voltage@Current (min-max)	Power	1	10	25																										
	182916PC	Artesyn	NLP70-9693	+3.3@10.5A; +5V@10.5A; +12V@0.65A	70.0W	100-240@50-60	✓	5.5x3.0x1.3	4.6x2.6x0.16	3.26	—	2.0	↔	2.0	17	3,000	0.7	—	16	5-500Hz; 2.4G	—	70	0.8	UL/CSA/VDE/CE	182916PC	\$4.49	\$3.95	\$3.55	\$3.25		
	171731PC	Delta	DPS-60MPB	+3.3V@0.8-8A; +5V@1-9A; +12V@0-1A; -12V@0-0.2A	65.0W	90-270@47-63	—	5.8x3.3x1.4	—	2.24	50	2.0		2.0	40	—	2.0	100	16	—	—	65	1.0	UL/CUL/TUV	171731PC	7.95	6.79	5.09			
	189966PC	Autec	UPS61-1004-T	+3.3V@4A; +5V@2A; +12V@3A; +32V@0.5A	65.0W	115/230@50-60	—	5.0x3.5x1.8	—	1.90	—	—		—	—	—	—	—	—	—	—	—	0.8	CSA/CE	189966PC	\$7.95	3.69	3.29	2.95		
Enclosed	203529PC	ETA	WRC48SX-U	+48V@1.6A	75.0W	85-264@47-440	—	6.9x3.7x1.5	—	1.95	480	0.9	↔	0.8	20	3,000	—	800	15	10-50Hz; 2G	10	85	1.4	UL/CSA/VDE/CE	203529PC	24.95	22.49	22.49		Enclosed	
	205840PC	Volgen	PRK70U-1515	+5V@5A; +15V@2A; -15V@1A	70.0W	100/120@50-60	—	8.7x4.1x2.8	6.9x3.4x0.08	0.70	80	0.8		0.4	35	1,500	0.5	100	20	10-55Hz; 20G	5	73	1.0	UL/CSA	205840PC	\$34.95	24.95	22.49	20.25		
	205698PC	Volgen	ESK80U-1515	+5V@10A; +15V@0.8A; -15V@0.8A	74.0W	115/220@50-60	—	8.7x5.0x1.5	—	1.13	—	—		—	—	—	—	—	—	—	—	—	1.9	UL/CSA	205698PC	\$34.95	24.95	22.49	20.25		
	205858PC	Volgen	JRK-115B	+5V@4.5A; +15V@3.5A; +24V@0.4A; -5V@1.6A; -15V@1.5A	75.0W	100/240@50-60	—	10.5x5.0x2.5	—	0.36	—	—		—	—	—	—	—	—	—	—	—	—	2.4	—	205858PC	\$34.95	24.95	22.49		20.25

* Primary Output

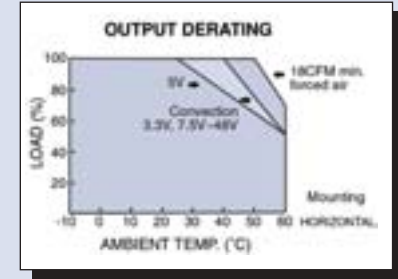


100-Watt Open Frame

LPS-100 Series: Single Output

- 100% full-load burn-in
- Auto-switch AC input
- No minimum load required
- 4.4 watts/in³ maximum
- 105°C output capacitor
- Three-year warranty
- Mating connectors: P/Ns 215950PC & 215976PC, see www.Jameco.com
- -10°C to +60°C working temp (see output derating)

Detailed below in blue is one of Mean Well's premium series that carries an unusually long 3-year warranty. The LPS-100 benefits from a modern state-of-the-art design using highly integrated components. Assured to operate correctly anywhere in the world, these open-frame switchers feature universal voltage input ranges of 85-264VAC and 120-370VDC. The highly compact layout results in an impressive power density of 3.4 watts per inch³ and a maximum height of 1.3". These products are approved by UL, CUL and TUV; and carry the CE mark for use worldwide. EMC standards met are EN55022 (CISPR22) Class B and IEC1000-2/3/4.

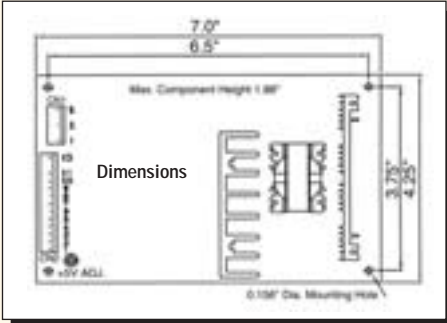
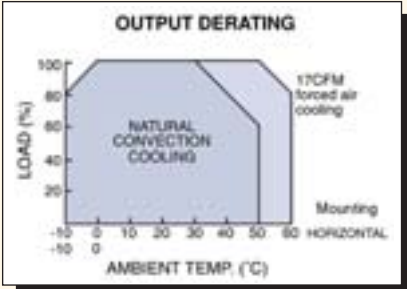


100-Watt Open Frame

PQ-100 Series: Quad Outputs

- 100% full-load burn-in
- Universal AC input
- 105°C output capacitor
- 1.9 watts/in³ max.
- Two-year warranty
- Mating connectors: P/Ns 104723PC, 104766PC & 104432PC, www.Jameco.com
- -10°C to +60°C working temp (see output derating)

Shown below in buff color, this impressive series of quad-output 100-watt switchers features universal input voltage ranges of 90-264VAC and 127-370VDC. The solid, reliable, low cost design features overload protection to 140% of rated load with auto-recovery, and over-voltage protection to 135% of rated output voltage. Additional protection includes short-circuit and a soft-start circuit that limits the AC surge current to a safe value. With free-air convection the 100-watt rated power is available from -10°C to 50°C ambient temperature, and 60°C with fan cooling. Withstand voltage is 3kVAC for input/output & 1.5kVAC input/ground.

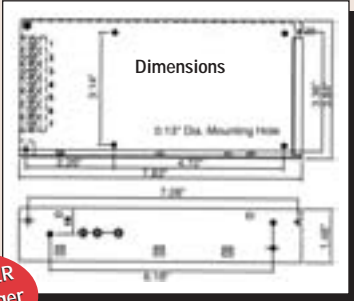
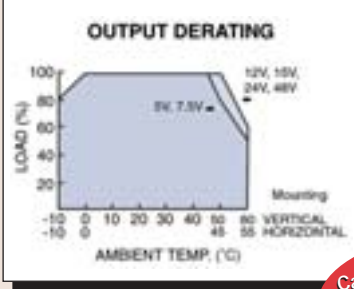


100-Watt Enclosed

S-100F Series: Single Output

- 100% full-load burn-in
- 2.3 watts/in³ maximum
- No minimum load required
- Two-year warranty
- 105°C output capacitor
- Mating connectors: 103587PC, see www.Jameco.com
- -10°C to +60°C working temp. (see output derating)
- Mounting hardware: use P/Ns 222130PC, 222156PC & 222172PC; see www.Jameco.com for specifications

Highlighted below in tan and surprisingly inexpensive for its capabilities, the S-100F series is one of Mean Well's most successful enclosed power supplies. With only free-air convection, the 100-watt rated power is available from 0°C to 50°C ambient temperature. These switchers derive their impressive reliability from a conservative design, the exclusive use of high-quality components, and 100% full-load burn-in. Protection includes short-circuit, overload and over-voltage. A novel soft-start circuit limits the AC surge current to a safe value. Guaranteed safety standards comprise UL1012, UL1950 and TUV EN60950; and these products have earned the European CE mark.



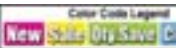
Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ³)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																					1	10	25	
Open Frame	213591PC	Mean Well	LPS100-5	+5V@0-20A	100.0W	88-264@47-63	—	8.74x2.44x1.25	8.34x2.04x0.13	4.35	100	1.5	↔	0.5	30	3,000	1.0	50	20	10-500Hz: 2G	10	77	0.8	UL/CUL/TUV/CE	213591PC	\$53.95	\$43.99	\$38.99	Open Frame
	173471PC	Mean Well	LPS100-12	+12V@0-8.4A	100.8W	88-264@47-63	—	8.74x2.44x1.25	8.34x2.04x0.13	4.39	100	1.5		0.5	30	3,000	1.0	50	20	10-500Hz: 2G	10	79	0.8	UL/CUL/TUV/CE	173471PC	53.95	43.99	38.99	
	216717PC	Mean Well	LPS100-15	+15V@0-6.7A	100.5W	88-264@47-63	—	8.74x2.44x1.25	8.34x2.04x0.13	4.38	100	1.5		0.5	30	3,000	1.0	50	20	10-500Hz: 2G	10	80	0.8	UL/CUL/TUV/CE	216717PC	53.95	43.99	38.99	
	173462PC	Mean Well	LPS100-24	+24V@0-4.2A	100.8W	88-264@47-63	—	8.74x2.44x1.25	8.34x2.04x0.13	4.39	150	0.5		0.5	30	3,000	1.0	50	20	10-500Hz: 2G	10	80	0.8	UL/CUL/TUV/CE	173462PC	53.95	43.99	38.99	
	216709PC	Mean Well	LPS100-48	+48V@0-2.1A	100.8W	88-264@47-63	—	8.74x2.44x1.25	8.34x2.04x0.13	4.39	200	0.5		0.5	30	3,000	1.0	50	20	10-500Hz: 2G	10	81	0.8	UL/CUL/TUV/CE	216709PC	53.95	43.99	38.99	
	217306PC	Mean Well	PQ-100B	+5V@2-10A; +12V@0.5-3.5A; -5V@0-0.5A; -12V@0-0.5A	100.5W	100-264@47-63	—	7.00x4.25x1.88	6.50x3.75x0.156	1.89	80	2.0		1.0	50	3,000	1.0	50	20	10-500Hz: 2G	10	72	1.1	UL/CUL/TUV/CE	217306PC	69.95	48.99	46.99	
	217293PC	Mean Well	PQ-100D	+5V@2-5A; +12V@0.5-2A; +24V@0.4-2A; -12V@0-0.5A	103.0W	100-264@47-63	—	7.00x4.25x1.88	6.50x3.75x0.156	1.80	80	1.0		1.0	50	3,000	1.0	50	20	10-500Hz: 2G	10	77	1.1	UL/CUL/TUV/CE	217293PC	69.95	48.99	46.99	
Enclosed	201961PC	Mean Well	S-100F-5	+5V@0-20A	100.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.19	100	1.0	↔	0.5	30	3,000	1.0	30	15	10-500Hz: 2G	10	76	1.4	UL/TUV/CE	201961PC	71.95	42.99	36.99	Enclosed
	123385PC	Mean Well	S-100F-12	+12V@0-8.5A	102.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.24	125	0.5		0.5	30	3,000	1.0	30	15	10-500Hz: 2G	10	80	1.4	UL/TUV/CE	123385PC	71.95	42.99	36.99	
	212450PC	Mean Well	S-100F-15	+15V@0-6.7A	100.5W	88-132/176-264@47-63	—	see diagram	see diagram	2.20	125	0.5		0.5	30	3,000	1.0	30	15	10-500Hz: 2G	10	81	1.4	UL/TUV/CE	212450PC	71.95	42.99	36.99	
	201970PC	Mean Well	S-100F-24	+24V@0-4.5A	108.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.37	150	0.5		0.5	30	3,000	1.0	30	15	10-500Hz: 2G	10	83	1.4	UL/TUV/CE	201970PC	71.95	42.99	36.99	
	216792PC	Mean Well	S-100F-48	+48V@0-2.2A	105.6W	88-132/176-264@47-63	—	see diagram	see diagram	2.31	150	0.5		0.5	30	3,000	1.0	30	15	10-500Hz: 2G	10	84	1.4	UL/TUV/CE	216792PC	71.95	42.99	36.99	

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty															Limited Supply – Special Offers – 90-Day Warranty														
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in³)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)		Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
	Voltage@Current (min-max)	Power	1	10	25																								
Open Frame	190676PC	Astec	LPS112	+5V@0-16A	80.0W	100-250@50-60	—	7.0x4.0x1.7	6.5x3.5x0.16	1.68	50	—	↔	—	18	—	0.5	—	20	5-500Hz; 0.75G	5	70	1.2	UL/CSA/VDE/CE	190676PC	\$49.95 \$6.95	\$6.29	\$5.69	Open Frame
	208750PC	Digital Power	USS100-245	+5V@20A	100.0W	90-250@50-60	—	5.0x3.2x1.5	2.7x2.7x0.08	4.17	100	3.0	↔	0.2	25	—	—	—	6	5-500Hz; 0.75G	—	75	0.8	UL/CUL/CSA/TUV/CE	208750PC	\$29.95 29.95	26.99	24.29	
	203326PC	EOS	VLT100-1004	+48V@0.2-2.1A	100.0W	100-240@50-60	✓	5.0x3.0x1.0	4.6x2.6x0.16	6.67	480	3.0		0.3	35	—	—	50	10	—	—	85	0.5	UL/CUL/VDE/CE	203326PC	27.95	24.95	22.49	
	196251PC	Lambda	PW-G-00790	+3.3V@15A; +5V@7A	85.0W	100-240@50-60	—	8.0x3.5x1.3	—	2.34	—	—		—	—	—	—	—	—	—	—	—	1.2	UL/CSA/TUV/CE	196251PC	\$8.95 3.39	3.09	2.85	
	157913PC	Digital Power	US100-313	+3.3V@6A; +5V@12A; +12V@0.8A	90.0W	90-250@47-63	—	6.0x4.0x1.0	2.7x2.7x0.12	3.75	100	3.0		0.2	25	—	—	—	6	5-500Hz; 0.75G	—	75	1.0	UL/CUL/CSA/TUV/CE	157913PC	\$49.95 13.65	12.39	11.25	
	202876PC	Power-One	MAP80-4003	+5V@14A; +15V@3.5A; -5V@1A; -15V@1A	80.0W	100/230@47-63	—	7.2x4.3x1.8	6.7x3.2x0.17	1.44	50	1.0	↔	0.2	45	2,600	0.5	20	20	10-2kHz; 6G	—	75	2.0	UL/CSA/TUV/CE	202876PC	24.95	23.69	21.29	
Enclosed	223992PC	Volgen	SP100U-24S	+24V@4.5A	108.0W	100-230@50-60	✓	7.7x4.4x1.5	—	2.12	150	0.8		0.4	—	3,000	0.75	1300	50	—	10	86	1.9	UL/CUL/TUV/CE	223992PC	31.95	28.75	25.89	Enclosed

* Primary Output



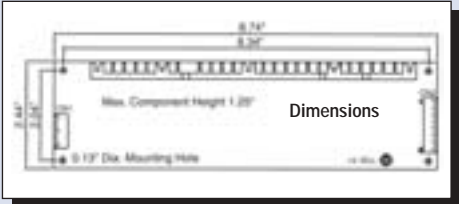
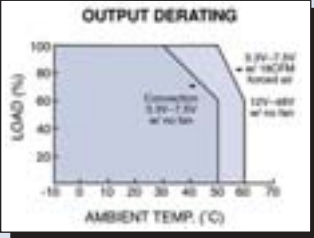
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100-Watt Open Frame
With Power Factor Correction

LPP-100 Series: Single Output

- 100% full-load burn-in
- Auto-switch AC input
- No minimum load required
- 4.4 watts/in³ maximum
- 105°C output capacitor
- Three-year warranty
- Power Factor Correction
- Mating connectors: P/Ns 215950PC & 215976PC, see www.Jameco.com
- -10°C to +60°C working temp (see output derating)

Detailed below in blue, one of Mean Well's newest and most modern designs, the open-frame LPP100 series features input Power Factor Correction that meets EN61000-3-2, required in Europe for power supplies 75 watts and above. Couple this with their full range universal input ranges of 85-264VAC and 120-370VDC, and these switchers are ready for use worldwide. Meeting the requirements of UL1950 and TUV EN60950, these products are approved by UL, CUL, and TUV; and carry the CE mark, for use worldwide. EMC standards met are EN55022 Class B and EN61000-4-2/3/4/5/6/8/11. The highly compact layout results in an impressive power density of 3.4 watts per inch³ and maximum height of 1.3".

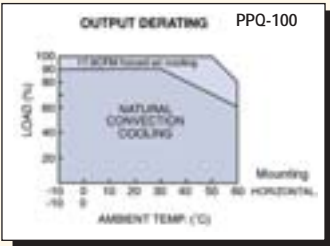
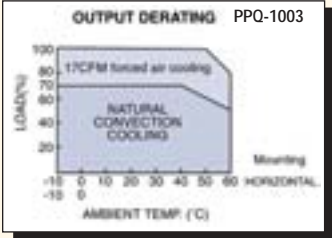
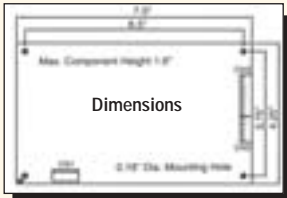
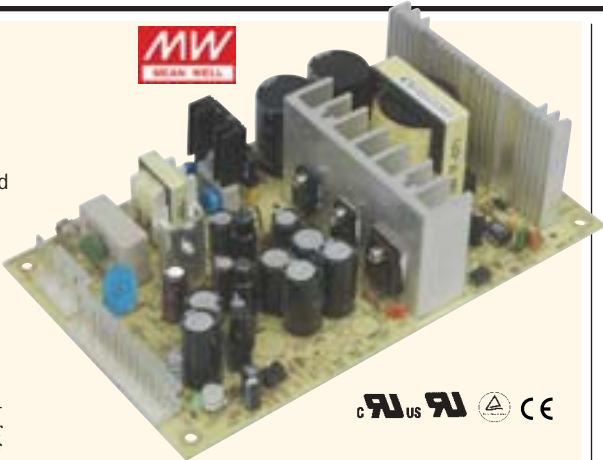


100-Watt Open Frame
with Power Factor Correction

PPQ-1003 & PPQ-100 Series: Quad Outputs

- 100% full-load burn-in
- Auto-switch AC input
- 2.3 watts/in³ maximum
- Power Factor Corrected
- 105°C output capacitor
- Three-year warranty
- Mating connectors: PPQ1003-P/Ns 104766PC & two 104432PC; PPQ100-P/Ns 104715PC & two 104723PC, see www.Jameco.com
- -10°C to +60°C working temp (see output derating)

Shown below in buff color, for applications requiring 3.3VDC and a total of four outputs, these series offer excellent performance, high reliability and surprisingly low cost. These open-frame switchers include both input Power Factor Correction and universal input voltage ranges of 85-264VAC and 120-370VDC. Full 100-watt output power is available from -10°C to 50°C with 17CFM of forced air cooling, and 80 watts is available to 60°C. Protection includes short-circuit, overload and over-voltage; and a novel soft-start circuit limits the AC surge current to a safe value. Guaranteed safety standards comprise UL1950 and TUV EN60950, and these products have earned the European CE mark.

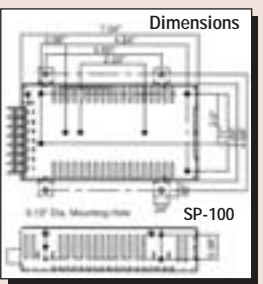
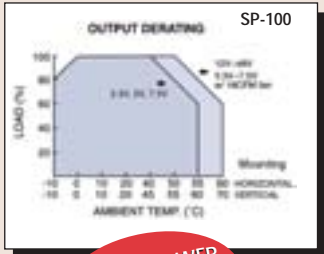
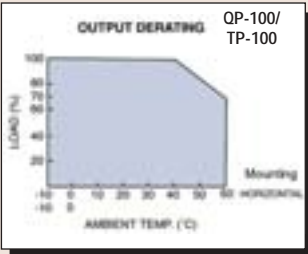
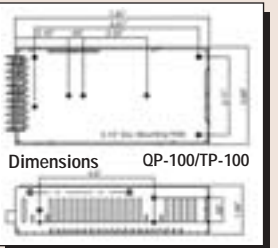


100-Watt Enclosed
With Power Factor Correction

SP-100, TP-100 & QP-100 Series: Single, Triple & Quad Outputs

- 100% full-load burn-in
- Universal AC input
- 2.3 watts/in³ maximum
- Power Factor Correction
- 105°C output capacitor
- Three-year warranty
- Mating connector: 103587PC, see www.Jameco.com
- -10°C to +60°C working temp. (see output derating)
- Mounting hardware use P/N 222130PC, 222164PC, 222156PC, 222172PC & 222181PC; see www.Jameco.com for specifications

Highlighted below in tan, this Mean Well family of 100-watt enclosed switchers feature input Power Factor Correction of 0.98 at 115VAC that complies with EN61000-3-2, required in Europe for power supplies 75 watts and above. They are approved by UL and TUV, and carry the CE mark, for use worldwide. The high-density enclosed packaging results in a profile of only 1.8" and a power density of 2.0 watts per inch³. As with all Mean Well products, all SP-100, TP-100 and QP-100 products are subject to 100% full-load burn-in testing. This rigorous production procedure detects infant product failures, contributing to Mean Well's world-class reliability. Protection includes short-circuit, overload and over-voltage.

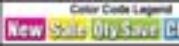


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Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ³)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)		Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																					1	10	25	
Open Frame	216696PC	Mean Well	LPP-100-5	+5V@0-20A	100.0W	85-264@47-63	✓	8.74x2.44x1.25	8.34x2.04x0.13	3.42	100	1.0	↔	0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	75	0.8	UL/CUL/TUV/CE	216696PC	\$65.95	\$50.99	\$44.99	Open Frame
	216688PC	Mean Well	LPP-100-12	+12V@0-8.5A	102.0W	85-264@47-63	✓	8.74x2.44x1.25	8.34x2.04x0.13	3.49	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	79	0.8	UL/CUL/TUV/CE	216688PC	65.95	50.99	44.99	
	216670PC	Mean Well	LPP-100-15	+15V@0-6.7A	100.5W	85-264@47-63	✓	8.74x2.44x1.25	8.34x2.04x0.13	4.38	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	80	0.8	UL/CUL/TUV/CE	216670PC	65.95	50.99	44.99	
	204610PC	Mean Well	LPP-100-24	+24V@0-4.2A	100.8W	85-264@47-63	✓	8.74x2.44x1.25	8.34x2.04x0.13	3.45	150	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	83	0.8	UL/CUL/TUV/CE	204610PC	65.95	50.99	44.99	
	216653PC	Mean Well	LPP-100-48	+48V@0-2.1A	100.8W	85-264@47-63	✓	8.74x2.44x1.25	8.34x2.04x0.13	3.45	250	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	83	0.8	UL/CUL/TUV/CE	216653PC	65.95	50.99	44.99	
	213815PC	Mean Well	PPQ-1003B	+3.3V@0-10A; +5V@2-10A; +12V@0.2-2A; -12V@0-0.3A	110.6W	90-264@47-63	✓	7.00x4.25x1.60	6.50x3.75x0.16	2.30	100	2.0		1.0	40	3,000	1.0	50	16	10-500Hz: 2G	10	72	1.1	UL/CUL/TUV/CE	213815PC	87.95	65.39	62.89	
	213807PC	Mean Well	PPQ-1003D	+3.3V@0-10A; +5V@2-10A; +12V@0.2-2A; +24V@0-0.3A	114.2W	90-264@47-63	✓	7.00x4.25x1.60	6.50x3.75x0.16	2.37	100	2.0		1.0	40	3,000	1.0	50	16	10-500Hz: 2G	10	72	1.1	UL/CUL/TUV/CE	213807PC	87.95	65.39	62.89	
	217277PC	Mean Well	PPQ-100B	+5V@2-10A; +12V@0.3-3.4A; -12V@0-0.6A; -5V@0-0.6A	101.0W	90-264@47-63	✓	7.00x4.25x1.60	6.50x3.75x0.16	2.10	100	2.0		1.0	40	3,000	3.5	50	16	10-500Hz: 2G	10	75	1.1	UL/CUL/TUV/CE	217277PC	87.95	65.39	62.89	
Enclosed	217285PC	Mean Well	PPQ-100D	+5V@2-8; +24V@0.3-2A; +12V@0-0.6A; -12V@0-0.6A	102.4W	90-264@47-63	✓	7.00x4.25x1.60	6.50x3.75x0.16	2.13	100	2.0	↔	1.0	40	3,000	3.5	50	16	10-500Hz: 2G	10	78	1.1	UL/CUL/TUV/CE	217285PC	87.95	65.39	62.89	Enclosed
	212441PC	Mean Well	SP100-3.3	+3.3V@0-20A	66.0W	86-264@47-63	✓	see diagram	see diagram	1.48	100	1.0		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	70	1.3	UL/CUL/TUV/CE	212441PC	\$54.95 69.95	62.99	56.69	
	194790PC	Mean Well	SP100-5	+5V@0-20A	100.0W	86-264@47-63	✓	see diagram	see diagram	2.24	100	1.0		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	76	1.3	UL/CUL/TUV/CE	194790PC	87.95	60.99	52.99	
	194802PC	Mean Well	SP100-12	+12V@0-8.5A	102.0W	86-264@47-63	✓	see diagram	see diagram	2.29	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	80	1.3	UL/CUL/TUV/CE	194802PC	87.95	60.99	52.99	
	212433PC	Mean Well	SP100-15	+15V@0-6.7A	100.5W	86-264@47-63	✓	see diagram	see diagram	2.25	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	82	1.3	UL/CUL/TUV/CE	212433PC	\$54.95 69.95	62.99	56.69	
	194811PC	Mean Well	SP100-24	+24V@0-4.2A	100.8W	86-264@47-63	✓	see diagram	see diagram	2.26	150	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	84	1.3	UL/CUL/TUV/CE	194811PC	87.95	60.99	52.99	
	212425PC	Mean Well	SP100-48	+48V@0-2.1A	100.8W	88-264@47-63	✓	see diagram	see diagram	2.26	250	0.5		0.1	40	3,000	2.0	30	20	10-500Hz: 2G	10	82	1.3	UL/CUL/TUV/CE	212425PC	87.95	60.99	52.99	
	213794PC	Mean Well	TP-100A	+5V@3-10A; +12V@0.4-4A; -5V@0-0.6A	101.0W	90-264@47-63	✓	see diagram	see diagram	1.85	100	3.0		1.0	40	3,000	3.5	60	20	10-500Hz: 2G	10	75	1.6	UL/CUL/TUV/CE	213794PC	\$124.95 118.95	93.99	84.99	
	213786PC	Mean Well	TP-100B	+5V@3-10A; +12V@0.4-4A; -12V@0-0.6A	105.2W	90-264@47-63	✓	see diagram	see diagram	1.93	100	3.0		1.0	40	3,000	3.5	60	20	10-500Hz: 2G	10	78	1.6	UL/CUL/TUV/CE	213786PC	\$124.95 118.95	93.99	84.99	
	213778PC	Mean Well	TP-100C	+5V@3-10A; +15V@0.4-3A; -15V@0-0.6A	104.0W	90-264@47-63	✓	see diagram	see diagram	1.90	100	3.0		1.0	40	3,000	3.5	60	20	10-500Hz: 2G	10	77	1.6	UL/CUL/TUV/CE	213778PC	\$124.95 118.95	93.99	84.99	
	213760PC	Mean Well	TP-100D	+5V@3-10A; +24V@0.3-2A; +12V@0-0.6A	105.2W	90-264@47-63	✓	see diagram	see diagram	1.93	100	3.0		1.0	40	3,000	3.5	60	20	10-500Hz: 2G	10	78	1.6	UL/CUL/TUV/CE	213760PC	\$124.95 118.95	93.99	84.99	
	213639PC	Mean Well	QP-100-3B	+3.3V@0-8A; +5V@2-8A; +12V@0.3-2.2A; -12V@0-0.6A	100.0W	90-264@47-63	✓	see diagram	see diagram	1.64	100	2.0		1.0	40	3,000	3.5	50	16	10-500Hz: 2G	10	74	1.6	UL/CUL/TUV/CE	213639PC	\$124.95 133.95	105.99	93.99	
	213621PC	Mean Well	QP-100-D	+5V@2-8A; +12V@0-2.4A; +24V@0.3-1A; -12V@0-0.6A	100.0W	90-264@47-63	✓	see diagram	see diagram	1.64	120	2.0		1.0	40	3,000	3.5	50	16	10-500Hz: 2G	10	78	1.6	UL/CUL/TUV/CE	213621PC	\$124.95 133.95	105.99	93.99	
	213612PC	Mean Well	QP-100F	+5V@2-8A; +15V@0-2A; +24V@0.3-1A; -15V@0-0.6A	103.0W	90-264@47-63	✓	see diagram	see diagram	1.69	120	2.0		1.0	40	3,000	3.5	50	16	10-500Hz: 2G	10	78	1.6	UL/CUL/TUV/CE	213612PC	\$124.95 133.95	105.99	93.99	

* Primary Output





New Lower Prices
Marked in Red

110-Watt Open Frame

NFS110-76 Series: Single & Quad Outputs

- 100% full-load burn-in
- Universal AC input
- 110W with 20 CFM of air
- 2.8 watts/in³ maximum
- 1U Package: 7" x 4.25" x 1.8"
- Two-year warranty
- Mating connectors: P/Ns 104723PC, 104766PC & 104432PC, see www.Jameco.com
- 0°C to +70°C working temperature (see output derating)

Detailed below in blue, the Artesyn NFS110 series are 110 watt universal-input power supplies on a 7" x 4.25" x 1.8" card. The NFS110-76 models have proven to be highly reliable and versatile for a wide range of communication and industrial applications, with a very high peak current capability on each output for drive and motor applications. The NFS110-76 series is popular in low power data networking, computer, telecom and industrial applications such as servers, thermal printers, storage devices, vending machines and POS equipment.

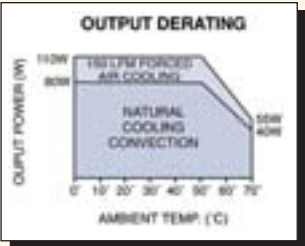
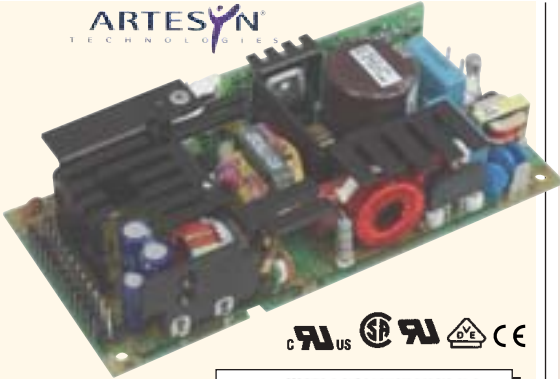


110-Watt Open Frame
With Power Factor Correction

NLP110 Series: Single & Triple Outputs

- 100% full-load burn-in
- Universal AC input
- Power Factor Corrected
- 6 watts/in³ maximum
- 105°C output capacitor
- Two-year warranty
- 1U package: 6.5" x 3" x 1.3"
- 110W with 20 CFM of air
- Mating connectors: P/Ns 104432PC & 2 ea. 104731PC, www.Jameco.com
- 0°C to +70°C working temp. (see output derating)

Shown below in buff color, the Artesyn NLP110 series is Power Factor Corrected to meet EN61000-3-2. The multiple output models can deliver equal amounts of current on multiple low voltage outputs to support designs that still span the industry transition from 5-volt to 3.3-volt logic. The NLP110's high power density results in a package only 1.5" longer than the 65-watt Artesyn NLP-65. The NLP110 series, with full international safety approvals, and the CE mark, meets conducted and radiated emissions EN55022 and complies to EN61000-4-2/3/4/5/6 immunity standards. The NLP110 is primarily designed for networking applications in 1U shelves or boxes that have a heavy logic content such as access concentrators, midrange routers, LAN switchers and shared media hubs.

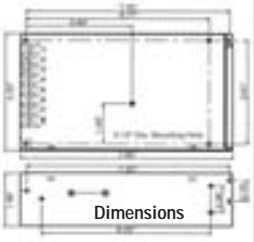
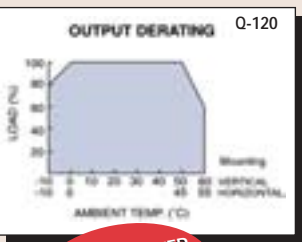
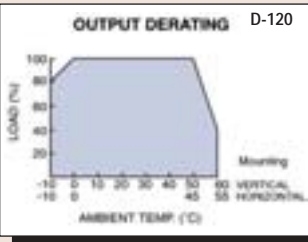


120-Watt Enclosed

D-120 & Q-120 Series: Dual & Quad Outputs

- 100% full-load burn-in
- 1.9 watts/in³ maximum
- 105°C output capacitor
- Two-year warranty
- Mating connectors: 103587PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Mounting hardware: use P/N 222130PC, 222156PC & 222172PC; see www.Jameco.com for specifications

Highlighted below in tan, the workhorse D-120 and Q-120 have long been amongst the most popular Mean Well series of enclosed switching power supplies. Their efficiency and low working temperature contribute to their very high MTBF of 272,000 hours. Full 120 watts of power is available over the ambient temperature range of 0°C to 50°C. With derating (see below) the range extends to -10°C to 60°C. The solid, reliable, low-cost design features overload protection to 135% of rated load with auto-recovery, and over-voltage protection to 135% of rated output voltage. Additional protection includes short-circuit and a soft-start circuit that limits the AC surge current to a safe value.



Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price				
	Voltage@Current (min-max)	Power	1	10	25																									
Open Frame	218982PC	Artesyn	NFS110-7612	+12V@0-7A	84.0W	85-264@47-440	—	7.0x4.25x1.8	6.6x3.75x0.16	1.67	120	2.0	↔	0.1	35	3,000	0.2	—	17	5-500Hz; 2.4G	3	72	1.2	UL/CUL/CSA/VDE/CE	218982PC	\$126.95	\$106.95	\$96.29	\$86.95	Open Frame
	218974PC	Artesyn	NFS110-7624	+24V@0-3.5A	84.0W	85-264@47-440	—	7.0x4.25x1.8	6.6x3.75x0.16	1.67	240	2.0		0.1	35	3,000	0.2	—	17	5-500Hz; 2.4G	3	75	1.2	UL/CUL/CSA/VDE/CE	218974PC	\$126.95	\$106.95	\$96.29	\$86.95	
	218966PC	Artesyn	NFS110-7602P	+5.1V@0-8A; +12V@0-4.5A; -5V@0-0.5A; -12V@0-0.5A	103.3W	85-264@47-440	—	7.0x4.25x1.8	6.6x3.75x0.16	2.60	50	2.0		0.1	35	3,000	0.2	—	17	5-500Hz; 2.4G	3	70	1.3	UL/CUL/CSA/VDE/CE	218966PC	\$126.95	\$106.95	\$96.29	\$86.95	
	220231PC	Artesyn	NFS110-7604	+5.1V@0-8A; +15V@0-4A; -5V@0-0.5A; -15V@0-0.5A	110.6W	85-264@47-440	—	7.0x4.25x1.8	6.6x3.75x0.16	2.78	50	2.0	0.1	35	3,000	0.2	—	17	5-500Hz; 2.4G	3	70	1.3	UL/CUL/CSA/VDE/CE	220231PC	\$126.95	\$109.95	\$98.99	\$89.09		
	218915PC	Artesyn	NLP110-9605	+5V@0.5-15A	75.0W	90-264@47-63	✓	6.5x3.0x1.26	6.05x2.55x—	2.96	50	2.0	2.0	18	3,000	0.45	1000	16.7	5-500Hz; 2.4G	3	75	0.6	UL/CUL/CSA/VDE	218915PC	107.65	96.65	90.95			
	218923PC	Artesyn	NLP110-9612	+12V@0.3-6.4A	76.8W	90-264@47-63	✓	6.5x3.0x1.26	6.05x2.55x—	3.03	120	2.0	2.0	18	3,000	0.45	1000	16.7	5-500Hz; 2.4G	3	75	0.6	UL/CUL/CSA/VDE	218923PC	107.65	96.65	90.95			
	218931PC	Artesyn	NLP110-9624	+24V@0.2-3.2A	76.8W	90-264@47-63	✓	6.5x3.0x1.26	6.05x2.55x—	3.03	240	2.0	2.0	18	3,000	0.45	1000	16.7	5-500Hz; 2.4G	3	75	0.6	UL/CUL/CSA/VDE	218931PC	107.65	96.65	90.95			
	218940PC	Artesyn	NLP110-9693	+3.3V@0.2-13A; +5V@0.5-13A; +12V@0-0.65A	110.0W	90-264@47-63	✓	6.5x3.0x1.26	6.05x2.55x—	4.56	50	2.0	↔	2.0	18	3,000	0.45	1000	16.7	5-500Hz; 2.4G	3	75	0.6	UL/CUL/CSA/VDE	218940PC	107.65	96.65	90.95		
218958PC	Artesyn	NLP110-9608	+5V@0.2-13A; +12V@0.2-6.5A; -12V@0-0.65A	110.0W	90-264@47-63	✓	6.5x3.0x1.26	6.05x2.55x—	5.95	120	2.0	↔	2.0	18	3,000	0.45	1000	16.7	5-500Hz; 2.4G	3	75	0.6	UL/CUL/CSA/VDE	218958PC	107.65	96.65	90.95			
Enclosed	132409PC	Mean Well	D-120A	+5V@2-12A; +12V@0.5-5A	120.0W	88-132/176-264@47-63	—	see diagram	see diagram	1.79	60	0.5	↔	0.5	35	3,000	3.5	50	20	10-500Hz; 2G	10	78	1.9	UL/CUL/TUV/CE	132409PC	76.95	52.99	46.99	Enclosed	
	132396PC	Mean Well	D-120B	+5V@2-6A; +24V@0.4-4A	126.0W	88-132/176-264@47-63	—	see diagram	see diagram	1.88	60	0.5		0.5	35	3,000	3.5	50	20	10-500Hz; 2G	10	80	1.9	UL/CUL/TUV/CE	132396PC	76.95	52.99	46.99		
	132388PC	Mean Well	Q-120B	+5V@2-11A; -5V@0.2-1A; 12V@0.5-4A; -12V@0.2-1A	120.0W	88-132/176-264@47-63	—	see diagram	see diagram	1.79	80	0.5		0.5	35	3,000	3.5	50	20	10-500Hz; 2G	10	77	1.9	UL/CUL/TUV/CE	132388PC	82.95	57.99	50.99		
	132370PC	Mean Well	Q-120D	+5V@2-8A; +24V@0.2-2A; +12V@0.2-2A; -12V@0.2-1A	124.0W	88-132/176-264@47-63	—	see diagram	see diagram	1.85	80	0.5	0.5	35	3,000	3.5	50	20	10-500Hz; 2G	10	80	1.9	UL/CUL/TUV/CE	132370PC	82.95	57.99	50.99			

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty																Limited Supply – Special Offers – 90-Day Warranty														
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price				
				Voltage@Current (min-max)	Power																					1	10	25		
Open Frame	190422PC	Astec	AA20140	+5V@1-20A; +12V@0.2-2A	120.0W	100-240@50-60	✓	7.0x4.2x1.5	6.5x3.8x0.17	2.72	50	—	↔	—	40	—	2.0	—	15	32-2kHz; 1G	5	65	1.1	UL/CSA/VDE	190422PC	\$4.95	\$6.39	\$5.85	\$5.29	Open Frame
	211297PC	Power-One	MAP110-4300	+3.3V@15A; +5V@8A; +12V@1A; -12V@1A	110.0W	85-264@47-63	—	7.0x4.3x2.0	6.5x2.8x0.17	1.83	30	0.7		0.3	41	2,600	0.75	20	—	—	10	75	1.6	UL/CSA/TUV/CE	211297PC	\$29.95	\$29.95	\$22.49	\$15.75	
	202868PC	Power-One	MAP110-4000P	+5V@12A; +12V@5A; -5V@1A; -12V@1A	110.0W	85-264@47-63	—	7.0x4.3x1.9	6.5x3.8x0.17	1.92	50	0.5		0.2	41	2,600	0.75	20	20	—	—	75	1.6	UL/CSA/TUV/CE	202868PC	\$24.95	\$24.95	\$22.49	\$20.25	
	204505PC	IPD Power	SRW-115-4001	+5V@12A; +12V@4A; -5V@4A; -12V@2A	115.0W	85-264@47-63	—	7.0x4.3x1.2	6.0x3.8x0.16	3.18	—	1.0		—	40	4,250	—	1000	16	—	10	72	1.3	UL/CUL/TUV/CE	204505PC	\$24.95	\$24.95	\$22.49	\$19.69	
	204450PC	IPD Power	SRW-115-4001-48	+5V@15A; +12V@1A; -5V@3A; -48V@1A	115.0W	85-264@47-63	—	7.0x4.3x1.2	6.0x3.8x0.16	3.18	—	1.0		—	40	4,250	—	1000	16	—	10	72	1.3	UL/CUL/TUV/CE	204450PC	\$24.95	\$24.95	\$22.49	\$20.25	
Enclosed	205786PC	Volgen	EXU-482R2	+48V@2.2A	105.0W	100/120@50-60	—	6.9x3.7x1.8	4.6x3.2x0.12	2.28	—	0.8		0.4	30	2,000	0.5	200	—	10-55Hz; 20G	10	86	0.6	UL	205786PC	\$26.95	\$26.95	\$24.29	\$21.85	Enclosed

* Primary Output

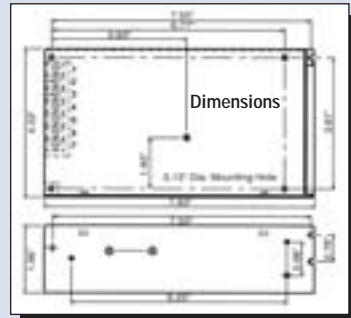
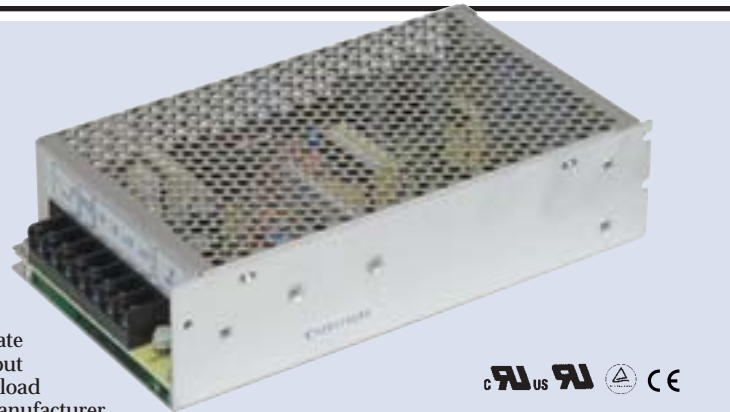
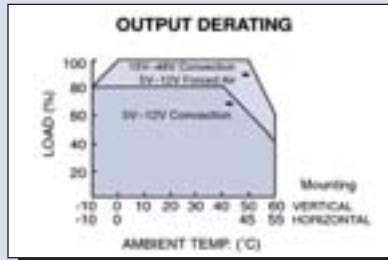


150-Watt Enclosed

S-150 Series: Single Output


- 100% full-load burn-in
- No minimum load required
- 105 °C output capacitor
- Mating connectors: P/N 103587PC, see www.Jameco.com
- -10° to +60°C working temperature (see output derating)
- Mounting hardware: use P/N 222130PC, 222156PC & 222172PC; see www.Jameco.com for specifications

Highlighted in blue below, the highly popular S-150 series from Mean Well derives its impressive reliability from a conservative design, the exclusive use of high-quality components, and 100% full-load burn-in. Assured to operate correctly anywhere in the world, these switchers feature universal voltage input ranges of 85-264VAC and 120-370VDC. Protection includes short-circuit, overload and over-voltage; and a novel soft-start circuit limits the AC surge current. Manufacturer guaranteed safety standards comprise UL1950 and TUV EN60950, and these products have earned the European CE mark. The DC output voltage can be adjusted $\pm 10\%$ of nominal rating.

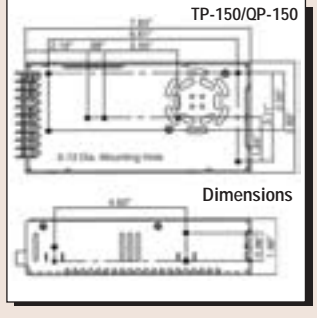
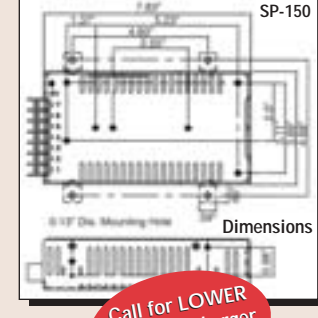
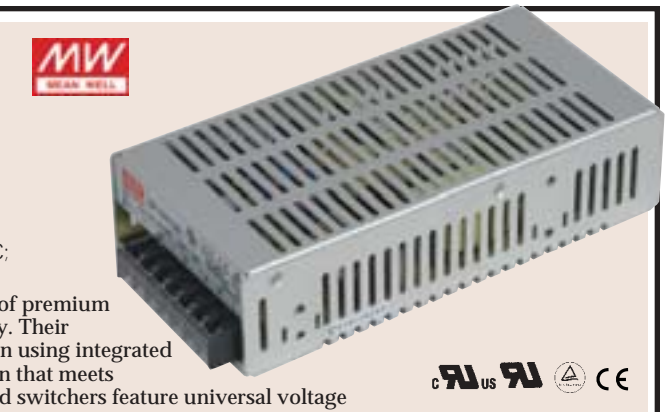
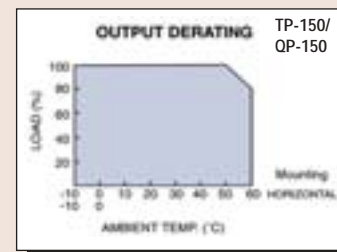
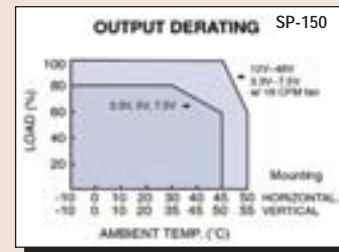


150-Watt Enclosed with Power Factor Correction

SP-150, TP-150 & QP-150 Series: Single, Triple & Quad Outputs

- 100% full-load burn-in
 - Power Factor Correction
 - 105°C output capacitor
 - Mating connectors: P/N 103587PC, see www.Jameco.com
 - -10°C to +60°C working temperature (see output derating)
 - Mounting hardware: use P/N 222130PC, 222156PC, 222164PC, 222181PC & 222172PC; see www.Jameco.com for specifications
 - Universal AC input
 - 2.8 watts/in² maximum
 - Three-year warranty
- 

Detailed below in tan, these advanced switchers are part of Mean Well's family of premium power supplies that carry an unusually long three-year manufacturer's warranty. Their performance, reliability and low cost result from a modern state-of-the-art design using integrated components. The SP-150, TP-150 and QP-150 offer input Power Factor Correction that meets EN61000-3-2. Assured to operate correctly anywhere in the world, these enclosed switchers feature universal voltage input ranges of 85-264VAC and 120-370VDC. These products are approved by UL, CUL and TUV, and carry the CE mark, for use worldwide. EMC standards met are EN55022 Class B and EN61000-4-2/3/4/5/6/8/11.



Call for LOWER
PRICES on Larger
Quantities

	Jameco	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	PRICES by Quantities	Jameco Part No.	Price		
	Part No.			Voltage@Current (min-max)	Power																						1	10	25
Enclosed	123393PC	Mean Well	S-150-5	5V@0-30A	150.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.24	150	0.5		0.5	35	3,000	3.5	50	20	10-500Hz; 2G	10	78	1.8	UL/CUL/TUV/CE	123393PC	\$76.95	\$46.99	\$40.99
	123414PC	Mean Well	S-150-7.5	7.5V@0-20A	150.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.24	150	0.5		0.5	35	3,000	3.5	50	20	10-500Hz; 2G	10	80	1.8	UL/CUL/TUV/CE	123414PC	76.95	46.99	40.99
	123422PC	Mean Well	S-150-12	12V@0-12.5A	150.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.24	180	0.3		0.3	35	3,000	3.5	50	20	10-500Hz; 2G	10	82	1.8	UL/CUL/TUV/CE	123422PC	76.95	46.99	40.99
	202024PC	Mean Well	S-150-13.5	13.5V@0-11.2A	151.2W	88-132/176-264@47-63	—	see diagram	see diagram	2.25	180	0.3	↔	0.3	35	3,000	3.5	50	20	10-500Hz; 2G	10	83	1.8	UL/CUL/TUV/CE	202024PC	76.95	46.99	40.99
	123431PC	Mean Well	S-150-15	15V@0-10A	150.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.24	180	0.3		0.3	35	3,000	3.5	50	20	10-500Hz; 2G	10	84	1.8	UL/CUL/TUV/CE	123431PC	76.95	46.99	40.99
	123449PC	Mean Well	S-150-24	24V@0-6.5A	156.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.33	240	0.2		0.2	35	3,000	3.5	50	20	10-500Hz; 2G	10	85	1.8	UL/CUL/TUV/CE	123449PC	76.95	46.99	40.99
	202032PC	Mean Well	S-150-27	27V@0-5.6A	151.2W	88-132/176-264@47-63	—	see diagram	see diagram	2.25	240	0.2		0.2	35	3,000	3.5	50	20	10-500Hz; 2G	10	86	1.8	UL/CUL/TUV/CE	202032PC	76.95	46.99	40.99
	167345PC	Mean Well	S-150-48	48V@0-3.2A	153.6W	88-132/176-264@47-63	—	see diagram	see diagram	2.29	240	0.2		0.2	35	3,000	3.5	50	20	10-500Hz; 2G	10	87	1.8	UL/CUL/TUV/CE	167345PC	76.95	46.99	40.99
	201902PC	Mean Well	SP-150-3.3	3.3V@0-30A	99.0W	85-264@47-63	✓	see diagram	see diagram	1.63	100	1.0		0.5	40	3,000	2.0	30	20	10-500Hz; 2G	10	67	1.7	UL/CUL/TUV/CE	201902PC	97.95	69.99	61.99
	201911PC	Mean Well	SP-150-5	5V@0-30A	150.0W	85-264@47-63	✓	see diagram	see diagram	2.47	100	1.0		0.5	40	3,000	2.0	30	20	10-500Hz; 2G	10	75	1.7	UL/CUL/TUV/CE	201911PC	97.95	69.99	61.99
	173420PC	Mean Well	SP-150-12	12V@0-12.5A	150.0W	85-264@47-63	✓	see diagram	see diagram	2.47	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz; 2G	10	80	1.7	UL/CUL/TUV/CE	173420PC	97.95	69.99	61.99
	173411PC	Mean Well	SP-150-15	15V@0-10A	150.0W	85-264@47-63	✓	see diagram	see diagram	2.47	100	0.5	↔	0.5	40	3,000	2.0	30	20	10-500Hz; 2G	10	81	1.7	UL/CUL/TUV/CE	173411PC	97.95	69.99	61.99
	173403PC	Mean Well	SP-150-24	24V@0-6.3A	150.0W	85-264@47-63	✓	see diagram	see diagram	2.47	150	0.5	↔	0.5	40	3,000	2.0	30	20	10-500Hz; 2G	10	83	1.7	UL/CUL/TUV/CE	173403PC	97.95	69.99	61.99
	201929PC	Mean Well	SP-150-48	48V@0-3.2A	153.6W	85-264@47-63	✓	see diagram	see diagram	2.52	250	0.5		0.5	40	3,000	2.0	30	20	10-500Hz; 2G	10	84	1.7	UL/CUL/TUV/CE	201929PC	97.95	69.99	61.99
	213858PC	Mean Well	TP-150A	5V@2-15A; 12V@0.4-6A; -5V@0-0.6A	150.0W	90-264@47-63	✓	see diagram	see diagram	2.75	100	3.0		1.0	45	3,000	3.5	60	20	10-500Hz; 2G	10	75	1.8	UL/CUL/TUV/CE	213858PC \$146.95	135.95	108.99	95.99
	213840PC	Mean Well	TP-150B	5V@2-15A; 12V@0.4-5.5A; -12V@0-0.6A	148.2W	90-264@47-63	✓	see diagram	see diagram	2.71	100	3.0		1.0	45	3,000	3.5	60	20	10-500Hz; 2G	10	77	1.8	UL/CUL/TUV/CE	213840PC \$146.95	135.95	108.99	95.99
	213831PC	Mean Well	TP-150C	5V@2-15A; 15V@0.4-4.5A; -15V@0-0.6A	151.5W	90-264@47-63	✓	see diagram	see diagram	2.77	100	3.0		1.0	45	3,000	3.5	60	20	10-500Hz; 2G	10	77	1.8	UL/CUL/TUV/CE	213831PC \$146.95	135.95	108.99	95.99
	213823PC	Mean Well	TP-150D	5V@2-15A; 24V@0.4-3A; 12V@0-0.6A	154.2W	90-264@47-63	✓	see diagram	see diagram	2.82	100	3.0		1.0	45	3,000	3.5	60	20	10-500Hz; 2G	10	78	1.8	UL/CUL/TUV/CE	213823PC \$146.95	135.95	108.99	95.99
	213633PC	Mean Well	QP-150-3B	3.3V@0-10A; 5V@3-10A; 12V@0.4-5A; -12V@0-0.6A	150.2W	90-264@47-63	✓	see diagram	see diagram	2.47	100	2.0		1.0	45	3,000	3.5	50	16	10-500Hz; 2G	10	75	1.8	UL/CUL/TUV/CE	213633PC \$146.95	145.95	120.99	106.99
	213655PC	Mean Well	QP-150D	5V@3-10A; 12V@0-4A; 24V@0.4-2A; -12V@0-0.6A	150.2W	90-264@47-63	✓	see diagram	see diagram	2.47	120	2.0	↔	1.0	45	3,000	3.5	50	16	10-500Hz; 2G	10	78	1.8	UL/CUL/TUV/CE	213655PC \$146.95	145.95	120.99	106.99
	213647PC	Mean Well	QP-150F	5V@3-10A; 15V@0-3A; 24V@0.4-2A; -15V@0-0.6A	152.0W	90-264@47-63	✓	see diagram	see diagram	2.50	120	2.0		1.0	45	3,000	3.5	50	16	10-500Hz; 2G	10	78	1.8	UL/CUL/TUV/CE	213647PC \$146.95	145.95	120.99	106.99

* Primary Output

Limited Supply – Special Offers – 90-Day Warranty

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* Primary Output

Limited Supply – Special Offers – 90-Day Warranty



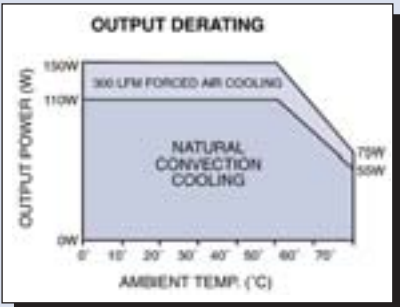
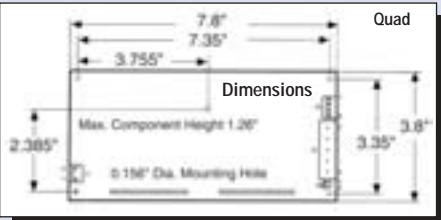
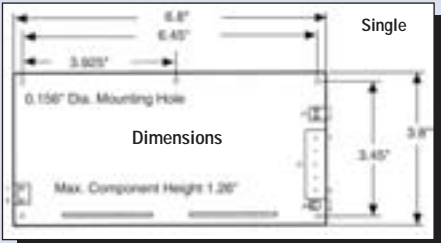
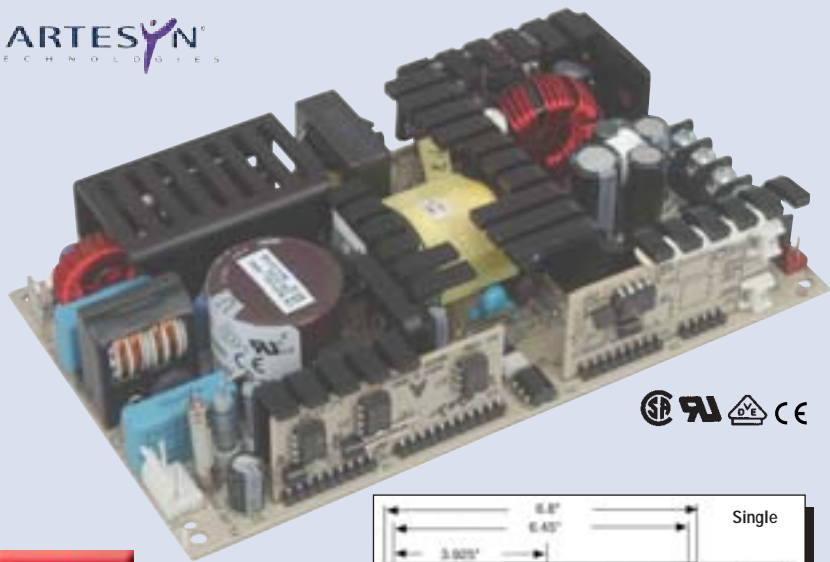
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150-Watt Open Frame
With Power Factor Correction

NLP150 Series: Single & Quad Output

- 100% full-load burn-in
- Universal AC input
- Power Factor Correction
- 4.3 watts/in³ maximum
- 150W with 300LFM of air
- Two-year warranty
- 1U package: 6.8" x 3.8" x 1.3"
- Parallel operation (current sharing)
- Mating connectors: P/N 104432PC & 103587PC, see www.Jameco.com
- 0° to +70°C working temperature (see output derating)

Highlighted in blue below, the Artesyn NLP150 series are Power Factor Corrected to meet the EN61000-3-2 standard, and they support current sharing on V_A and V_B. Standard features include universal input, over-voltage and short-circuit protection, as well as power fail detection. This series carries UL, CSA and VDE approvals; and are CE marked. With a height of only 1.26", these supplies are commonly used in 1U shelves and boxes, and are primarily intended for networking applications that have a heavy logic content, such as access concentrators, midrange routers, LAN switches and shared media hubs.



Other Versions
Available: Call
800-831-4242

150-Watt Open Frame
With Power Factor Correction

LPP-150 Series: Single Output

- 100% full-load burn-in
- No minimum load required
- 105°C output capacitor
- Power Factor Correction
- Mating connectors: P/N 215950PC & 215968PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Auto-switch AC input
- 3.6 watts/in³ maximum
- Three-year warranty



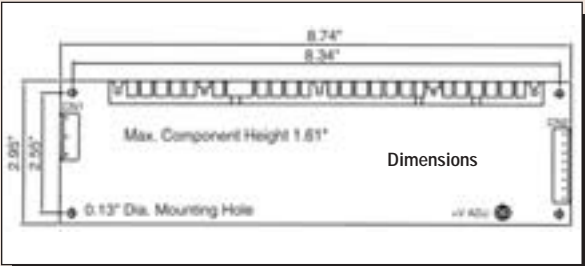
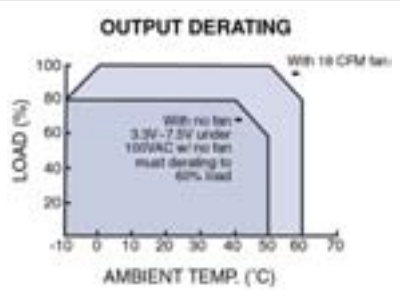
Detailed below in tan, the LPP-150 series is Mean Well's most powerful open-frame switching power supply. It features input Power Factor Correction that complies with EN61000-3-2 and achieves 0.98 at 115VAC. Couple this with the full-range universal input ranges of 85-264VAC and 120-370VDC, and these switchers are ready for use worldwide. Full 150-watt output power is available from 0°C to 50°C with 18 CFM of forced air cooling and 120 watts is available to -10°C and 60°C. Meeting the requirements of UL1950 and TUV EN60950, these products are approved by UL, CUL, and TUV; and carry the CE mark. The highly compact layout results in an impressive power density of 3.6 watts per cubic inch and maximum height of 1.6".

PERFORMANCE
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UNDERSTANDING
POWER SUPPLIES #12 & 13

INRUSH CURRENT: The peak instantaneous input current drawn by a power supply at turn-on.

LINE REGULATION: The change in output voltage in percent as the input voltage is varied over its specified limits, with load and temperature constant.



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Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
	Voltage@Current (min-max)	Power	1	10	25																								
	Open Frame	218991PC	Artesyn	NLP150L-96S3	+3.3V@1-22A	72.6W	90-264@47-63	✓	6.8x3.8x1.26	6.45x3.45x0.156	2.16	50	2.0	↔	2.0	40	3,000	0.99	—	20	5-500Hz; 2.4G	—	73	1.2	UL/VDE/CE	218991PC	\$116.85	\$99.95		$94.15	Open Frame
219011PC		Artesyn	NLP150L-96S5	+5.1V@1-22A	112.2W	90-264@47-63	✓	6.8x3.8x1.26	6.45x3.45x0.156	3.34	50	2.0	2.0		40	3,000	0.99	—	20	5-500Hz; 2.4G	—	73	1.2	UL/VDE/CE	219011PC	116.85	99.95	94.15	
219002PC		Artesyn	NLP150L-96S8	+24V@0.15-4.6A	110.4W	90-264@47-63	✓	6.8x3.8x1.26	6.45x3.45x0.156	3.29	240	2.0	2.0		40	3,000	0.99	—	20	5-500Hz; 2.4G	—	73	1.2	UL/VDE/CE	219002PC	116.85	99.95	94.15	
219029PC		Artesyn	NLP150L-96Q5366	+3.3V@0.5-10A; +5.1V@1.5-20A; +12V@0-2A; +12V@0-0.65A	120.0W	90-264@47-63	✓	6.8x3.8x1.26	6.45x3.45x0.156	4.33	50	2.0	2.0		40	3,000	0.99	1500	20	5-500Hz; 2.4G	—	73	1.2	UL/CSA/VDE/CE	219029PC	116.85	99.95	94.15	
213698PC		Mean Well	LPP-150-5	+5V@0-30A	150.0W	85-264@47-63	✓	8.74x2.95x1.61	8.34x2.55x0.13	3.59	100	1.0	↔	0.5	40	3,000	3.5	30	20	10-500Hz; 2G	10	72	1.2	UL/CUL/TUV/CE	213698PC	71.95	48.99	42.99	
213680PC		Mean Well	LPP-150-12	+12V@0-12.5A	150.0W	85-264@47-63	✓	8.74x2.95x1.61	8.34x2.55x0.13	3.59	100	1.0		0.5	40	3,000	3.5	30	20	10-500Hz; 2G	10	79	1.2	UL/CUL/TUV/CE	213680PC	71.95	48.99	42.99	
213671PC		Mean Well	LPP-150-24	+24V@0-6.3A	150.0W	85-264@47-63	✓	8.74x2.95x1.61	8.34x2.55x0.13	3.59	150	0.5		0.5	40	3,000	3.5	30	20	10-500Hz; 2G	10	83	1.2	UL/CUL/TUV/CE	213671PC	71.95	48.99	42.99	
216645PC		Mean Well	LPP-150-48	+48V@0-3.2A	153.6W	85-264@47-63	✓	8.74x2.95x1.61	8.34x2.55x0.13	3.68	250	0.5		0.5	40	3,000	3.5	30	20	10-500Hz; 2G	10	83	1.2	UL/CUL/TUV/CE	216645PC	71.95	48.99	42.99	

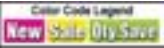
* Primary Output

Limited Supply – Special Offers – 90-Day Warranty																Limited Supply – Special Offers – 90-Day Warranty													
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
	Voltage@Current (min-max)	Power	1	10	25																								
Open Frame	185560PC	EOS	VLT130-1100	+5V@0.5-26A	130.0W	100-240@50-60	✓	5.1x3.1x0.8	4.6x2.6x0.16	10.28	50	1.0		0.3	40	—	—	10	15	—	—	82	0.6	UL/VDE/CE	185560PC	\$14.95 \$10.25	\$9.35	\$8.45	Open Frame
	204601PC	Power-One	MAP140-1024	+24V@5.8A	140.0W	85-264@47-63	—	7.0x4.3x1.9	6.5x3.8x0.17	2.45	240	0.5		1.0	41	2,600	0.5	20	20	10-2kHz; 6G	—	70	1.5	UL/CSA/TUV/CE	204601PC	\$29.95 29.95	26.99	24.29	
	204572PC	Digital Power	USS150-124	+24V@6A	150.0W	90-250@47-63	—	6.9x3.9x1.5	—	3.72	—	—		—	—	—	—	—	—	—	—	1.4	UL/CUL/CSA/TUV/CE	204572PC	\$31.95 31.95	28.79	25.89		
	208670PC	Power-One	MPU1503300S240	+3.3V@30A; +12V@3A	135.0W	85-250@50-60	—	8.1x4.2x1.5	6.5x3.8x0.16	2.65	50	1.5	↔	0.6	35	2,600	0.13	20	20	10-2kHz; 6G	—	75	1.9	UL/CSA/TUV	208670PC	\$24.95 24.95	22.49	20.25	
	220193PC	Cherokee	MQT154A1†	+3.3V@8A; +5V@26A; +12V@6A; -12V@1A	150.0W	100-240@47-63	—	8.0x4.3x1.5	6.4x2.5x0.13	2.91	—	—		—	—	—	—	—	—	—	—	—	2.0	UL/CSA	220193PC	28.95	23.19	17.39	
	210876PC	EOS	VLT130-4100	+3.3V@0.5-16A; +5V@0.5-14A; +12V@0.1-1.5A; -12V@0.1-1.5A	130.0W	100-240@50-60	✓	5.0x3.0x0.9	4.6x2.6x0.16	9.63	50	1.0		0.3	40	—	—	10	15	—	—	82	0.7	UL/CUL/VDE/CE	210876PC	19.95	17.95	15.95	
	203431PC	Cherokee	QT24A1V	+5V@15A; +12V@5A; -5V@1A; -12V@1A	150.0W	115-240@50-60	—	6.8x3.9x1.5	6.4x2.5x0.08	3.77	50	5.0		5.0	35	2,600	—	—	16	—	—	75	1.4	UL/CSA/TUV	203431PC	29.95	26.95	23.95	

* Primary Output

† 8' power cable included





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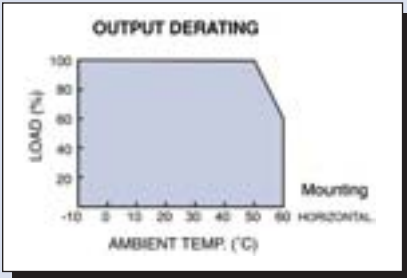
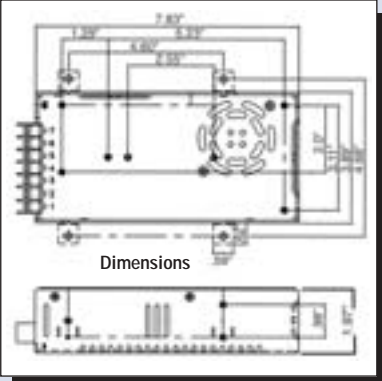
200-Watt Enclosed
With Power Factor Correction

SP-200 Series: Single Output

- 100% full-load burn-in
- Universal AC input
- No minimum load required
- Power Factor Correction
- Three-year warranty
- 105°C output capacitor
- 3.3 watts/in² maximum
- Built-in fan cooling
- Mating connectors: P/Ns 103587PC, see www.Jameco.com
- -10° to +60°C working temperature (see output derating)
- Mounting hardware use P/N 222130PC, 222156PC, 222164PC, 222181PC & 222172PC; see www.Jameco.com for specifications



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UNDERSTANDING POWER SUPPLIES #14
RADIATED EMI: Also called radio-frequency interference (RFI), EMI is unwanted high-frequency energy caused by the switching transistors, output rectifiers, and zener diodes in switching power supplies. That portion that is radiated through space is known as Radiated EMI. Most radiated EMI measurements are done between 30MHz and 300MHz.

200-Watt Enclosed
With Power Factor Correction

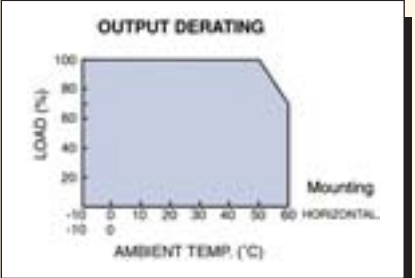
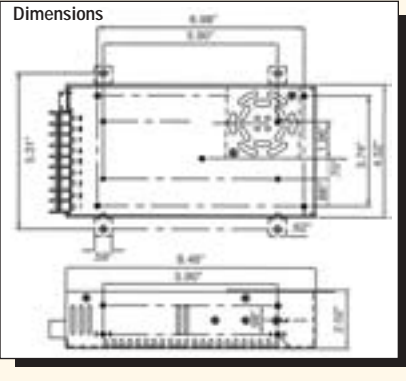
QP-200 Series: Quad Output

- 100% full-load burn-in
- Remote sense
- 105°C output capacitor
- Built-in fan cooling
- Mating connectors: P/Ns 103587PC, see www.Jameco.com
- -10° to +60°C working temp. (see output derating)
- Mounting hardware use P/N 222148PC, 222156PC, 222181PC & 222172PC; see www.Jameco.com for specifications

- Universal AC input
- Power Factor Correction
- Three-year warranty
- 2.6 watts/in² maximum



PERFORMANCE
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UNDERSTANDING POWER SUPPLIES #15
REMOTE SENSING: A technique of regulating the output voltage of a power supply at the load by means of high-impedance, low-current sensing leads which go from the load back to the regulator. This compensates for voltage drops in the load leads.

240-Watt Enclosed

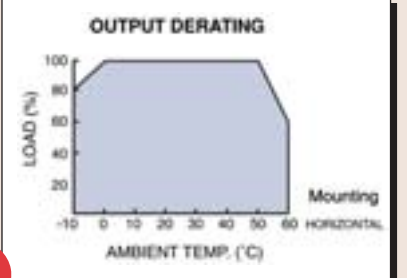
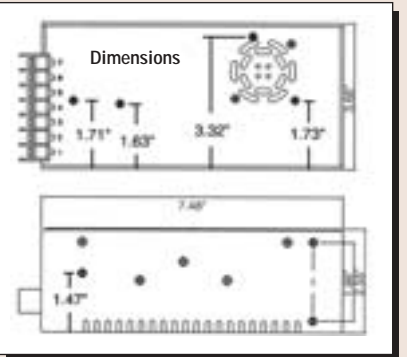
S-240 Series: Single Output

- 100% full-load burn-in
- No minimum load required
- 105°C output capacitor
- Auto cooling fan
- Two-year warranty
- Mating connectors: 103587PC, see www.Jameco.com
- -10°C to +60°C working temp. (see output derating)
- Mounting hardware use P/N 222148PC, 222156PC & 222172PC; see www.Jameco.com for specifications

- Auto-switch AC input
- 3.4 watts/in² max.



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UNDERSTANDING POWER SUPPLIES #16
OUTPUT CURRENT LIMITING: An output protection feature which limits the output current to a predetermined value in order to prevent damage to the power supply or the load under overload conditions. The supply is automatically restored to normal operation following removal of the overload.

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Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																					1	10	25	
Enclosed	212417PC	Mean Well	SP-200-3.3	+3.3V@0-40A	132.0W	85-264@47-63	✓	see diagram	see diagram	2.17	100	1.0	↔	0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	65	1.9	UL/CUL/TUV/CE	212417PC	\$109.95	\$77.99	\$67.99	Enclosed
	202041PC	Mean Well	SP-200-5	+5V@0-40A	200.0W	85-264@47-63	✓	see diagram	see diagram	3.29	100	1.0		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	71	1.9	UL/CUL/TUV/CE	202041PC	109.95	77.99	67.99	
	194773PC	Mean Well	SP-200-12	+12V@0-16.7A	200.4W	85-264@47-63	✓	see diagram	see diagram	3.29	100	0.5	↔	0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	79	1.9	UL/CUL/TUV/CE	194773PC	109.95	77.99	67.99	
	212409PC	Mean Well	SP-200-13.5	+13.5V@0-14.9A	201.1W	85-264@47-63	✓	see diagram	see diagram	3.31	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	80	1.9	UL/CUL/TUV/CE	212409PC	109.95	77.99	67.99	
	202059PC	Mean Well	SP-200-15	+15V@0-13.4A	201.0W	85-264@47-63	✓	see diagram	see diagram	3.30	100	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	81	1.9	UL/CUL/TUV/CE	202059PC	109.95	77.99	67.99	
	194781PC	Mean Well	SP-200-24	+24V@0-8.4A	201.6W	85-264@47-63	✓	see diagram	see diagram	3.31	150	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	83	1.9	UL/CUL/TUV/CE	194781PC	109.95	77.99	67.99	
	202067PC	Mean Well	SP-200-48	+48V@0-4.2A	201.6W	85-264@47-63	✓	see diagram	see diagram	3.31	250	0.5		0.5	40	3,000	2.0	30	20	10-500Hz: 2G	10	84	1.9	UL/CUL/TUV/CE	202067PC	109.95	77.99	67.99	
	213743PC	Mean Well	QP-200-3B	+3.3V@0-15A; +5V@3-15A; +12V@0.5-6A; -12V@0-0.7A	204.9W	90-264@47-63	✓	see diagram	see diagram	2.65	100	2.0	↔	1.0	45	3,000	2.0	50	16	10-500Hz: 2G	10	72	2.4	UL/CUL/TUV/CE	213743PC	156.95	127.99	112.99	
	213735PC	Mean Well	QP-200-3D	+3.3V@0-15A; +5V@3-10A; +24V@0.4-4A; -12V@0-0.7A	203.9W	90-264@47-63	✓	see diagram	see diagram	2.64	100	2.0		1.0	45	3,000	2.0	50	16	10-500Hz: 2G	10	74	2.4	UL/CUL/TUV/CE	213735PC	156.95	127.99	112.99	
	213751PC	Mean Well	QP-200D	+5V@3-15A; +12V@0-4A; +24V@0.4-3A; -12V@0-0.7A	203.4W	90-264@47-63	✓	see diagram	see diagram	2.63	100	2.0	↔	1.0	45	3,000	2.0	50	16	10-500Hz: 2G	10	75	2.4	UL/CUL/TUV/CE	213751PC	156.95	127.99	112.99	
	202083PC	Mean Well	S-240-5	+5V@0-40A	200.0W	88-132/176-264@47-63	—	see diagram	see diagram	2.86	150	1.0		0.5	18	3,000	1.2	20	20	10-500Hz: 2G	10	78	2.5	UL/CUL/TUV/CE	202083PC	103.95	91.99	80.99	
	137648PC	Mean Well	S-240-12	+12V@0-18A	216.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.09	150	0.5		0.5	18	3,000	1.2	20	20	10-500Hz: 2G	10	82	2.5	UL/CUL/TUV/CE	137648PC	103.95	91.99	80.99	
	202075PC	Mean Well	S-240-15	+15V@0-15A	225.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.22	150	0.5		0.5	18	3,000	1.2	20	20	10-500Hz: 2G	10	83	2.5	UL/CUL/TUV/CE	202075PC	103.95	91.99	80.99	
	137656PC	Mean Well	S-240-24	+24V@0-10A	240.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.40	180	0.5		0.5	18	3,000	1.2	20	20	10-500Hz: 2G	10	84	2.5	UL/CUL/TUV/CE	137656PC	103.95	91.99	80.99	
	167337PC	Mean Well	S-240-48	+48V@0-5A	240.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.40	240	1.0		1.0	18	3,000	1.2	20	20	10-500Hz: 2G	10	87	2.5	UL/CUL/TUV/CE	167337PC	103.95	91.99	80.99	

* Primary Output





New Lower Prices
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300-Watt Enclosed
With Power Factor Correction

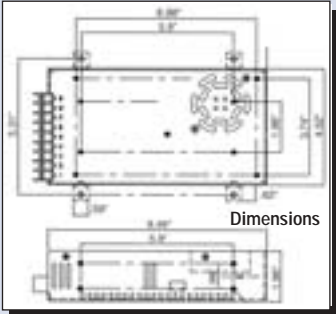
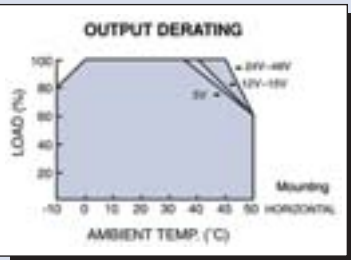
SP-300 Series: Single Output

- 100% full-load burn-in
- Universal AC input
- No minimum load required
- 3.7 watts/in³ maximum
- Power Factor Correction
- Three-year warranty
- 105°C output capacitor
- Auto cooling fan
- Mating connectors: P/Ns 103587PC, see www.Jameco.com
- -10° to +60°C working temperature (see output derating)
- Mounting hardware: use P/Ns 222156PC, 222130PC, 222181PC & 222172PC; see www.Jameco.com for specs

Detailed below in blue, this series features input Power Factor Correction that meets EN61000-3-2, required in Europe for power supplies 75 watts and above. These advanced switchers are part of Mean Well's family of premium power supplies that carry an unusually long three-year warranty. Couple this with the full range universal input ranges of 85-264VAC and 120-370VDC, and these switchers are ready for use worldwide. Meeting the requirements of UL1950 and TUV EN60950, they are approved by UL and TUV, and carry the CE mark. The high-density enclosed packaging results in a profile of only 2" and a power density of 2.5 watts per cubic inch. Protection includes short-circuit, overload and over-voltage.



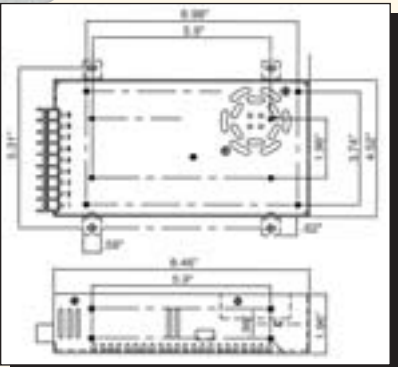
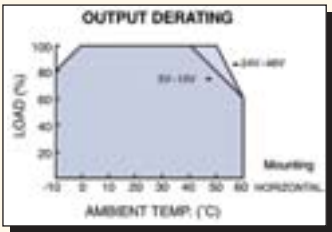
PERFORMANCE AT VALUE PRICES



320-Watt Enclosed
S-320 Series: Single Output

- 100% full-load burn-in
- Auto cooling fan
- No minimum load required
- 4.1 watts/in³ max.
- 105°C output capacitor
- Two-year warranty
- Mating conn.: P/Ns 103587PC, see www.Jameco.com
- -10° to +60°C working temp. (see output derating)
- Mounting hardware: use P/Ns 222156PC, 222148PC, 222181PC & 222172PC; see www.Jameco.com

Shown below in buff color, the workhorse S-320 series has long been one of the most popular series of Mean Well power supplies. Full 320 watts of power is available over the ambient temperature range of 0°C to 50°C. With derating the range extends to -10°C & 60°C. The solid, reliable, low-cost design features overload protection to 135% of rated load with auto-recovery, and over-voltage protection to 145% of rated output voltage.



375-Watt Enclosed
With Power Factor Correction

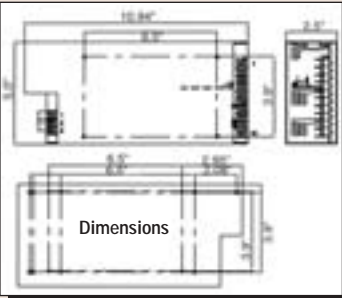
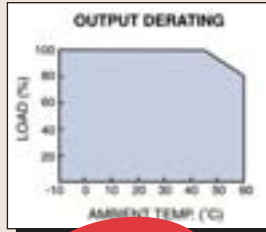
QP-375 Series: Quad Output

- 100% full-load burn-in
- Universal AC input
- Remote sense
- 2.8 watts/in³ maximum
- Auto cooling fan
- Three-year warranty
- 105°C output capacitor
- Mating connectors: 103587PC, see www.Jameco.com
- -10°C to +60°C working temperature (see output derating)
- Mounting hardware: use P/Ns 222156PC & 222172PC; see www.Jameco.com for specifications

Highlighted below in tan, the Mean Well QP-375 series is a unique quad-output switcher design that offers no minimum current requirement for V2 & V3. Additionally, both V1 and V2 are fully isolated so they can be operated with ± polarity. Greater versatility results from availability of remote sensing for precise point-of-load voltage control and a "power good/fail signal". The built-in cooling fan assures safe operation at full power output over the ambient temp. range of -10°C to 45°C, with derating to 60°C (see below). The QP-375 series offers input Power Factor Correction that meets EN61000-3-2. This enclosed switcher line features universal voltage input ranges of 90-264VAC & 120-370VDC.



PERFORMANCE AT VALUE PRICES



Call for LOWER PRICES on Larger Quantities

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ³)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																					1	10	25	
Enclosed	202091PC	Mean Well	SP-300-5	+5V@0-50A	250.0W	88-264@47-63	✓	see diagram	see diagram	3.09	150	1.0	↔	0.5	18	3,000	1.0	50	20	10-500Hz: 2G	10	75	2.6	UL/CUL/TUV/CE	202091PC	\$185.95	\$123.99	\$109.99	Enclosed
	137390PC	Mean Well	SP-300-12	+12V@0-24A	288.0W	88-264@47-63	✓	see diagram	see diagram	3.56	150	0.5		0.3	18	3,000	1.0	50	20	10-500Hz: 2G	10	83	2.6	UL/CUL/TUV/CE	137390PC	185.95	123.99	109.99	
	212396PC	Mean Well	SP-300-13.5	+13.5V@0-21A	285.0W	88-264@47-63	✓	see diagram	see diagram	3.52	150	0.5		0.3	18	3,000	1.0	50	20	10-500Hz: 2G	10	83	2.6	UL/CUL/TUV/CE	212396PC	185.95	123.99	109.99	
	202104PC	Mean Well	SP-300-15	+15V@0-19A	285.0W	88-264@47-63	✓	see diagram	see diagram	3.52	150	0.5		0.3	18	3,000	1.0	50	20	10-500Hz: 2G	10	83	2.6	UL/CUL/TUV/CE	202104PC	185.95	123.99	109.99	
	137402PC	Mean Well	SP-300-24	+24V@0-12.5A	300.0W	88-264@47-63	✓	see diagram	see diagram	3.70	150	0.5		0.2	18	3,000	1.0	50	20	10-500Hz: 2G	10	85	2.6	UL/CUL/TUV/CE	137402PC	185.95	123.99	109.99	
	161980PC	Mean Well	SP-300-48	+48V@0-6.25A	300.0W	88-264@47-63	✓	see diagram	see diagram	3.70	240	0.5	↔	0.2	18	3,000	1.0	50	20	10-500Hz: 2G	10	85	2.6	UL/CUL/TUV/CE	161980PC	185.95	123.99	109.99	
	216776PC	Mean Well	S-320-5	+5V@0-50A	250.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.27	150	1.0		0.5	20	3,000	3.5	20	20	10-500Hz: 2G	10	77	2.5	UL/CUL	216776PC	\$124.95	83.99	73.99	
	207212PC	Mean Well	S-320-7.5	+7.5V@0-36A	270.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.53	150	0.5		0.5	20	3,000	3.5	20	20	10-500Hz: 2G	10	80	2.5	UL/CUL	207212PC	\$124.95	83.99	73.99	
	207204PC	Mean Well	S-320-12	+12V@0-25A	300.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.92	150	0.5		0.5	20	3,000	3.5	20	20	10-500Hz: 2G	10	82	2.5	UL/CUL	207204PC	\$124.95	83.99	73.99	
	196656PC	Mean Well	S-320-24	+24V@0-12.5A	300.0W	88-132/176-264@47-63	—	see diagram	see diagram	3.92	150	0.5		0.5	20	3,000	3.5	20	20	10-500Hz: 2G	10	86	2.5	UL/CUL	196656PC	\$124.95	83.49	73.49	
	207191PC	Mean Well	S-320-48	+48V@0-6.5A	312.0W	88-132/176-264@47-63	—	see diagram	see diagram	4.08	240	0.5	↔	0.5	20	3,000	3.5	20	20	10-500Hz: 2G	10	87	2.5	UL/CUL	207191PC	\$124.95	83.99	73.99	
	220302PC	Mean Well	QP-375-5A	+5V@3.5-30A; +12V@0-10A; +12V@0-6A; +12V@0-3A	378.0W	88-264@47-63	✓	see diagram	see diagram	2.77	100	0.8		0.5	45	3,000	2.0	50	20	10-500Hz: 2G	10	77	5.1	UL/CUL/TUV/CE	220302PC	388.95	297.99	264.99	
	220290PC	Mean Well	QP-375-5B	+5V@3.5-30A; +12V@0-10A; +12V@0-6A; +5V@0-3A	357.0W	88-264@47-63	✓	see diagram	see diagram	2.62	100	0.8		0.5	45	3,000	2.0	50	20	10-500Hz: 2G	10	77	5.1	UL/CUL/TUV/CE	220290PC	388.95	297.99	264.99	
	220281PC	Mean Well	QP-375-5D	+5V@3.5-30A; +12V@0-9A; +12V@0-4A; +24V@0-3A	378.0W	88-264@47-63	✓	see diagram	see diagram	2.77	100	0.8		0.5	45	3,000	2.0	50	20	10-500Hz: 2G	10	78	5.1	UL/CUL/TUV/CE	220281PC	388.95	297.99	264.99	
	220273PC	Mean Well	QP-375-24B	+24V@1-10A; +5V@0-10A; +12V@0-4A; +12V@0-4A	386.0W	88-264@47-63	✓	see diagram	see diagram	2.83	240	0.8		0.5	45	3,000	2.0	50	20	10-500Hz: 2G	10	78	5.1	UL/CUL/TUV/CE	220273PC	388.95	297.99	264.99	

* Primary Output

SALE	Limited Supply – Special Offers – 90-Day Warranty																				SALE								
	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration		Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price		
				Voltage@Current (min-max)	Power																					1	10	50	
Open Frame	204564PC	Digital Power	USS250-115	+15V@0-16.5A	250.0W	90-250@47-63	—	8.0x4.5x2.0	7.6x3.2x0.08	3.47	50	1.0	↔	0.2	25	—	—	—	16	5-500Hz: 0.75G	—	80	1.7	UL/CUL/CSA/TUV/CE	204564PC	\$39.95	\$35.99	\$32.39	Open Frame
	196795PC	Cherokee	QP2A2-1A-A	+5V@40A; +12V@2.5A	230.0W	115/230@50-60	—	10.0x4.3x2.5	7.5x3.0x0.15	2.14	50	0.25		0.25	35	—	—	—	20	—	5	75	3.4	TUV	196795PC	\$11.95	10.85	9.85	
	204581PC	Digital Power	UP300-201	+5V@1-40A; +12V@0.2-12A	300.0W	90-250@47-63	—	8.0x4.5x2.0	7.6x3.2x0.10	4.17	50	1.0		0.2	25	—	—	—	16	5-500Hz: 0.75G	—	75	2.0	UL/CUL/CSA/TUV/CE	204581PC	\$49.95	44.99	39.39	
	206906PC	SSI	SQM200-1221	+5V@30A; +12V@7A; +12V@5A; ±5V@5A	200.0W	100/240@50-60	—	10.5x5.0x2.5	10.0x4.4x0.14	1.52	50	1.0	↔	0.2	15	3,750	—	—	16	—	—	75	5.5	UL/CSA/TUV	206906PC	29.95	26.99	24.29	
	208733PC	Digital Power	USS256-351	+5.5V@1.8A; +12.9V@10A; +12.9V@0.9A	250.0W	90-250@47-63	—	10.0x4.5x1.9	—	—	—	—		—	—	—	—	—	—	—	—	—	1.9	UL/CUL/CSA/TUV/CE	208733PC	\$39.95	35.99	32.39	
	203342PC	Astec	LPQ252	+5V@3-35A; +12V@0-10A; -12V@0-6A; ±5V@0-6A	250.0W	100/250@50-60	✓	9.0x5.0x2.0	—	2.78	50	—		—	20	—	0.5	—	20	5-500Hz: 0.7G	5	75	2.0	UL/CSA/VDE/CE	203342PC	49.95	44.95	39.95	
	210905PC	Lambda	WA305-00-03	+5V@50A; +12V@10A; +24V@4A; -5.2V@4A; -12V@4A	300.0W	85-264@45-440	—	11.9x5.0x1.8	8.1x2.5x0.16	2.80	50	1.0	↔	0.2	20	4,000	—	—	18	—	—	80	5.5	CE	210905PC	49.95	37.49	26.25	
Enclosed	205647PC	SSI	STM350-1022	+5V@50A; +12V@5A; +12V@8A	350.0W	120/240@50-60	—	13.5x5.0x2.5	—	2.07	—	2.0		↔	0.3	20	—	—	—	16	—	10	75	5.5	UL/TUV	205647PC	\$29.95	26.95	24.29	Enclosed
	196461PC	TODD	MAX3541205AC	+5V@50A; +12V@12A; -5V@2A; -12V@4A	350.0W	115/230@50-60	—	9.0x5.0x2.5	6.5x3.9x0.08	3.11	50	1.0			1.0	10	—	—	—	16	—	5	80	2.0	TUV	196461PC	47.95	43.19	38.89

* Primary Output





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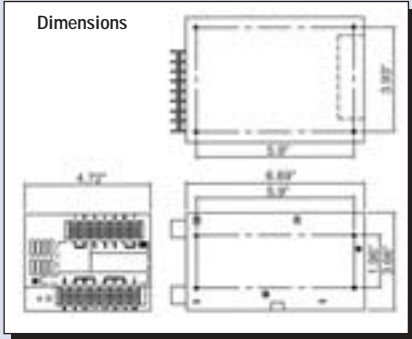
500-Watt Enclosed
With Power Factor Correction

SP-500 Series: Single Output

- 100% full-load burn-in
- Universal AC input
- No minimum load required
- 3.6 watts/in³ max.
- Power Factor Correction
- Auto cooling fan
- 105°C output capacitor
- Three-year warranty
- Remote control
- Mating connectors:
P/N 103587PC, see www.Jameco.com
- -10° to +60°C working temp.
(see www.Jameco.com for output derating)
- Mounting hardware: use P/Ns 222199PC, 222156PC & 222172PC; see www.Jameco.com for specifications



Detailed below in blue, this advanced switcher line is part of Mean Well's family of premium power supplies that carry an unusually long three-year manufacturers warranty. Their performance, reliability and low cost result from a modern state-of-the-art design using highly integrated components. The SP-500 offers input Power Factor Correction of 0.98 at 115VAC that meets EN61000-3-2, required in Europe for power supplies 75 watts and above. Assured to operate correctly anywhere in the world, these enclosed switchers feature universal voltage input ranges of 88-264VAC and 124-370VDC. These products are approved by UL, CUL, and TUV; and carry the CE mark, for use worldwide. EMC standards met are EN55022 Class B and EN61000-4-2/3/4/5/6/8/11.

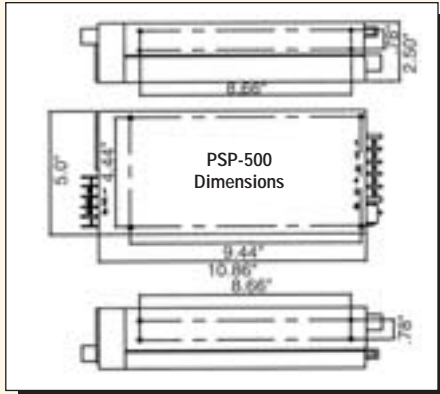


500, 1000 & 1500-Watt Enclosed
With Power Factor Correction
& Current Sharing

PSP-500, PSP-1000 & PSP-1500 Series:
Single Output

- 100% full-load burn-in
- Universal AC input
- No minimum load required
- 3.6 watts/in³ max.
- 105°C output capacitor
- Three-year warranty
- Parallel operation (current sharing)
- Remote sense and control
- Auto cooling fan
- Mating conn.: P/N 103587PC, see www.Jameco.com
- -10° to +60°C working temp.
(see www.Jameco.com for output derating)
- Mounting hardware: use P/Ns 222156PC & 222172PC; see www.Jameco.com for specifications

Highlighted below in buff color, these families of feature rich, high-quality, low-cost switchers provide parallel operation to 2000W, Power Factor Correction of 0.98 at 115VAC that complies with EN61000-3-2, remote sensing for precise point-of-load voltage control, and ON-OFF remote control. Cooling is provided by an integral forced air fan (two in the PSP-1000) that assures safe operation at full power output over the ambient temperature range of 0°C to 50°C, with derating -10°C and 60°C at 80% of load. Protection includes short-circuit, overload over-voltage; and a novel soft-start circuit limits the AC surge current. Guaranteed safety standards comprise UL1950 and TUV EN60950, and they carry the CE mark. The PSP-500 and the PSP-1000 series meet EMC standards EN55022 Class B and EN61000-4-2/3/4/5/6/8/11.

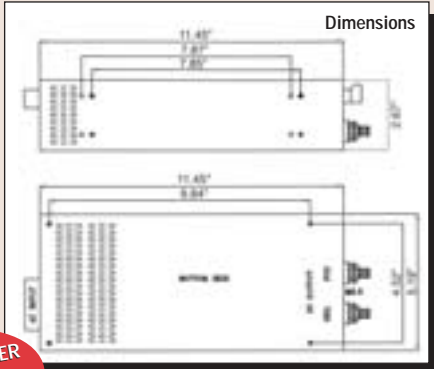


600-Watt Enclosed With Current Sharing

SCN-600 Series: Single Output

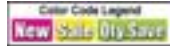
- 100% full-load burn-in
- Auto cooling fan
- No minimum load required
- 3.7 watts/in³ maximum
- 105°C output capacitor
- Two-year warranty
- Parallel operation (current sharing)
- Remote sense and control
- Mating connectors: P/N 103587PC, see www.Jameco.com
- -10° to +65°C working temperature;
(+50° to -65°C @ 50% load)
- Mounting hardware: use P/Ns 222156PC & 222172PC; see www.Jameco.com for specifications

Shown below in tan, the SCN-600 family of 600-watt enclosed switchers offer advanced N+1 parallel operation, remote sensing for precise point-of-load voltage control and built-in remote ON-OFF control. Also, a unique capability allows output voltage adjustment from 10-100% of rated value with an external 1-5VDC signal. The DC output voltage can be adjusted ±5% of nominal rating. The solid, reliable, low-cost design features overload protection to 135% of rated load with auto-recovery, and over-voltage protection to 145% of rated output voltage. Additional protection includes short-circuit and a soft-start circuit that limits the AC surge current to a safe value. Meeting the requirements of UL1950 and TUV EN60950, these products are approved by UL, CUL and TUV; and carry the CE mark.



	Jamec Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	PFC	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)		Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Quantities	Certification	Jameco Part No.	Price			
				Voltage@Current (min-max)	Power																						1	10	25	
Enclosed	190692PC	Mean Well	SP500-12	+12V@0-40A	480.0W	100-240@50-60	✓	see diagram	see diagram	3.60	240	0.5	↔	0.5	18	3,000	3.5	50	20	10-500Hz: 2G	10	84	4.2	UL/CUL/TUV/CE	190692PC	\$259.95	\$173.99	\$152.99	Enclosed	
	212388PC	Mean Well	SP500-13.5	+13.5V@0-36A	486.0W	100-240@50-60	✓	see diagram	see diagram	3.65	240	0.5		0.5	18	3,000	3.5	50	20	10-500Hz: 2G	10	84	4.2	UL/CUL/TUV/CE	212388PC	259.95	173.99	152.99		
	213604PC	Mean Well	SP500-15	+15V@0-32A	480.0W	100-240@50-60	✓	see diagram	see diagram	3.60	240	0.5		0.5	18	3,000	3.5	50	20	10-500Hz: 2G	10	83	4.2	UL/CUL/TUV/CE	213604PC	259.95	173.99	152.99		
	147053PC	Mean Well	SP500-24	+24V@0-20A	480.0W	100-240@50-60	✓	see diagram	see diagram	3.60	240	0.5		0.5	18	3,000	3.5	50	20	10-500Hz: 2G	10	85.5	4.2	UL/CUL/TUV/CE	147053PC	259.95	173.99	152.99		
	190705PC	Mean Well	SP500-27	+27V@0-18A	486.0W	100-240@50-60	✓	see diagram	see diagram	3.65	200	0.5		0.5	18	3,000	3.5	50	20	10-500Hz: 2G	10	86.5	4.2	UL/CUL/TUV/CE	190705PC	259.95	173.99	152.99		
	161795PC	Mean Well	SP500-48	+48V@0-10A	480.0W	100-240@50-60	✓	see diagram	see diagram	3.60	300	0.5		0.5	18	3,000	3.5	50	20	10-500Hz: 2G	10	87	4.2	UL/CUL/TUV/CE	161795PC	259.95	173.99	152.99		
	202112PC	Mean Well	PSP-500-5	+5V@0-80A	400.0W	90-264@47-63	✓	see diagram	see diagram	2.91	100	2.0	↔	0.5	20	3,000	1.0	50	15	10-500Hz: 2G	10	76	5.5	UL/CUL/TUV/CE	202112PC	261.95	210.99	196.99		
	190713PC	Mean Well	PSP-500-12	+12V@0-41.5A	498.0W	90-264@47-63	✓	see diagram	see diagram	3.62	150	0.5		0.3	20	3,000	1.0	50	15	10-500Hz: 2G	10	82	5.5	UL/CUL/TUV/CE	190713PC	261.95	210.99	196.99		
	202121PC	Mean Well	PSP-500-15	+15V@0-33A	498.0W	90-264@47-63	✓	see diagram	see diagram	3.60	150	0.5		0.3	20	3,000	1.0	50	15	10-500Hz: 2G	10	82	5.5	UL/CUL/TUV/CE	202121PC	261.95	210.99	196.99		
	190721PC	Mean Well	PSP-500-24	+24V@0-20.8A	499.2W	90-264@47-63	✓	see diagram	see diagram	3.63	150	0.5		0.2	20	3,000	1.0	50	15	10-500Hz: 2G	10	84	5.5	UL/CUL/TUV/CE	190721PC	261.95	210.99	196.99		
	190730PC	Mean Well	PSP-500-27	+27V@0-18.5A	499.5W	90-264@47-63	✓	see diagram	see diagram	3.63	150	0.5		0.2	20	3,000	1.0	50	15	10-500Hz: 2G	10	84	5.5	UL/CUL/TUV/CE	190730PC	261.95	210.99	196.99		
	190748PC	Mean Well	PSP-500-48	+48V@0-10.5A	504.0W	90-264@47-63	✓	see diagram	see diagram	3.67	200	0.5		0.2	20	3,000	1.0	50	15	10-500Hz: 2G	10	86	5.5	UL/CUL/TUV/CE	190748PC	261.95	210.99	196.99		
	217373PC	Mean Well	PSP-1000-5	+5V@0-145A	725.0W	90-264@47-63	✓	see www.Jameco.com		2.61	100	2.0	↔	0.5	35	3,000	2.0	50	15	10-500Hz: 2G	10	76	10.4	UL/CUL/TUV/CE	217373PC	523.95	401.99	365.99		
	217365PC	Mean Well	PSP-1000-12	+12V@0-75A	900.0W	90-264@47-63	✓	see www.Jameco.com		3.24	150	0.5		0.3	35	3,000	2.0	50	15	10-500Hz: 2G	10	82	10.4	UL/CUL/TUV/CE	217365PC	523.95	401.99	365.99		
	231642PC	Mean Well	PSP-1000-13.5	+13.5V@0-67A	1000.0W	90-264@47-63	✓	see www.Jameco.com		3.65	150	0.5		0.3	40	3,000	2.0	50	15	10-500Hz: 2G	10	84	10.4	UL/CUL/TUV/CE	231642PC	523.95	401.99	365.99		
	231634PC	Mean Well	PSP-1000-15	+15V@0-60A	900.0W	90-264@47-63	✓	see www.Jameco.com		3.24	150	0.5		0.3	40	3,000	2.0	50	15	10-500Hz: 2G	10	84	10.4	UL/CUL/TUV/CE	231634PC	523.95	401.99	365.99		
	217357PC	Mean Well	PSP-1000-24	+24V@0-37.6A	902.4W	90-264@47-63	✓	see www.Jameco.com		3.25	150	0.5		0.2	35	3,000	2.0	50	15	10-500Hz: 2G	10	84	10.4	UL/CUL/TUV/CE	217357PC	523.95	401.99	365.99		
	231651PC	Mean Well	PSP-1000-27	+27V@0-33.6A	907.2W	90-264@47-63	✓	see www.Jameco.com		3.26	150	0.5		0.2	40	3,000	2.0	50	15	10-500Hz: 2G	10	86	10.4	UL/CUL/TUV/CE	231651PC	523.95	401.99	365.99		
	217349PC	Mean Well	PSP-1000-48	+48V@0-19A	912.0W	90-264@47-63	✓	see www.Jameco.com		3.28	200	0.5	↔	0.2	35	3,000	2.0	50	15	10-500Hz: 2G	10	86	10.4	UL/CUL/TUV/CE	217349PC	523.95	401.99	365.99		
	231669PC	Mean Well	PSP-1500-5	+5V@0-217.5A	1087.5W	176-264@47-63	✓	see www.Jameco.com		2.76	100	2.0		0.5	100	3,000	3.5	50	15	10-500Hz: 2G	10	77	15.2	CUL/TUV/CE	231669PC	786.95	602.95	562.95		
	231677PC	Mean Well	PSP-1500-12	+12V@0-112.5A	1350.0W	176-264@47-63	✓	see www.Jameco.com		3.42	150	0.5		0.3	100	3,000	3.5	50	15	10-500Hz: 2G	10	84	15.2	CUL/TUV/CE	231677PC	786.95	602.95	562.95		
	231685PC	Mean Well	PSP-1500-13.5	+13.5V@0-100.5A	1356.75W	176-264@47-63	✓	see www.Jameco.com		3.44	150	0.5		0.3	100	3,000	3.5	50	15	10-500Hz: 2G	10	84	15.2	CUL/TUV/CE	231685PC	786.95	602.95	562.95		
	231693PC	Mean Well	PSP-1500-15	+15V@0-90.0A	1350.0W	176-264@47-63	✓	see www.Jameco.com		3.42	150	0.5		0.3	100	3,000	3.5	50	15	10-500Hz: 2G	10	84	15.2	CUL/TUV/CE	231693PC	786.95	602.95	562.95		
	231706PC	Mean Well	PSP-1500-24	+24V@0-56.4A	1353.6W	176-264@47-63	✓	see www.Jameco.com		3.43	150	0.5		0.2	100	3,000	3.5	50	15	10-500Hz: 2G	10	85	15.2	CUL/TUV/CE	231706PC	786.95	602.95	562.95		
	231714PC	Mean Well	PSP-1500-27	+27V@0-50.4A	1360.8W	176-264@47-63	✓	see www.Jameco.com		3.45	150	0.5	↔	0.2	100	3,000	3.5	50	15	10-500Hz: 2G	10	85	15.2	CUL/TUV/CE	231714PC	786.95	602.95	562.95		
	231722PC	Mean Well	PSP-1500-48	+40V@0-28.5A	1368.0W	176-264@47-63	✓	see www.Jameco.com		3.47	200	0.5		0.2	100	3,000	3.5	50	15	10-500Hz: 2G	10	86	15.2	CUL/TUV/CE	231722PC	786.95	602.95	562.95		
	220249PC	Mean Well	SCN-600-05	+5V@0-100A	500.0W	90-130/180-260@47-63	—	see diagram	see diagram	3.10	100	2.0		0.5	60	1,500	3.5	50	16	10-200Hz: 2G	5	77	5.7	UL/CUL	220249PC	273.95	213.99	197.99		
	220257PC	Mean Well	SCN-600-12	+12V@0-50A	600.0W	90-130/180-260@47-63	—	see diagram	see diagram	3.72	120	1.0		0.5	60	1,500	3.5	50	16	10-200Hz: 2G	5	80	5.7	UL/CUL	220257PC	273.95	213.99	197.99		
	220265PC	Mean Well	SCN-600-24	+24V@0-25A	600.0W	90-130/180-260@47-63	—	see diagram	see diagram	3.72	240	1.0		0.5	60	1,500	3.5	50	16	10-200Hz: 2G	5	85	5.7	UL/CUL	220265PC	273.95	213.99	197.99		

* Primary Output





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30-Watt Open Frame Low-Leakage

MPS-30 Series: Single Output

- 100% full load burn-in test
- 105°C output capacitor
- Universal AC input
- High-efficiency, low working temperature
- -10°C to + 50°C working temperature (see derating curve)
- 2.9 watts/in² maximum
- Three-year warranty
- Mating connectors: P/Ns 104723PC & 104432PC, see www.Jameco.com

Detailed below in blue, the Mean Well MPS-30 medical power supplies are low cost, high reliability open frame power supplies that feature a low leakage current of 0.3mA@264VAC. Other features of this open frame power supply are: universal input of 88-264VAC as well as 120-370VDC for battery-supported applications. Protections include short-circuit, overload, and over-voltage. They are UL and TUV approved, and carry a CE mark for use worldwide.



PERFORMANCE
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PRICES

45 & 65-Watt Open Frame
Low Leakage

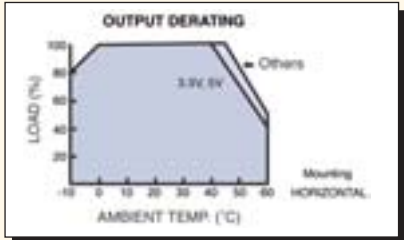
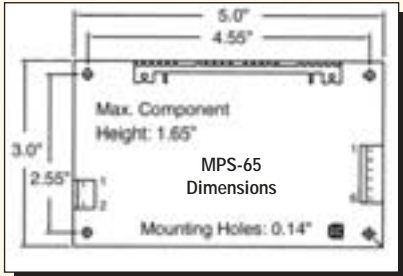
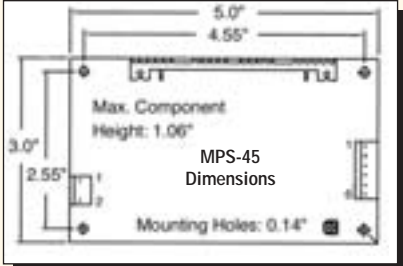
MPS-45 & MPS-65 Series: Single Output

- 100% full load burn-in test
- 105°C output capacitor
- Universal AC input
- High-efficiency, low working temperature
- -10°C to + 60°C working temperature (refer to derating curve)
- 2.9 watts/in² maximum
- Three-year warranty
- Soft-start circuit, limiting AC surge current
- Mating connectors: P/Ns 104432PC & 104731PC, see www.Jameco.com

Shown below in this color, the MeanWell MPS-45 & MPS-65 medical power supplies are low cost, high reliability open frame power supplies that feature a low leakage current of 0.3mA@264VAC. Other features of these power supplies are: universal input of 88-264VAC, as well as 120-370VDC for battery-applications. Full rated power is available with 18CFM forced air convection applied. Protections include short-circuit, overload, and over-voltage. They are approved by UL and TUV, and carry a CE mark for use worldwide.



PERFORMANCE
AT VALUE
PRICES

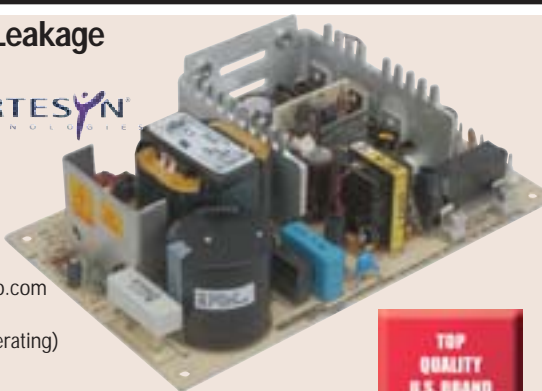


110-Watt Open Frame Low Leakage

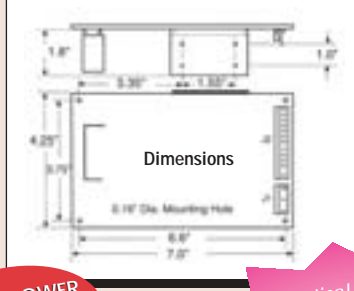
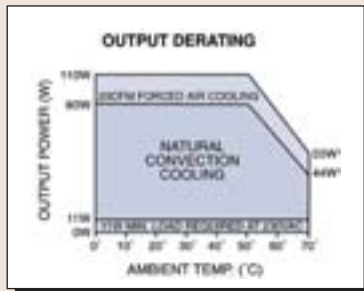
NFS110-79xxP Series: Quad Outputs

- 100% full-load burn-in
- Universal AC input
- 110W with 20 CFM of air
- 2.1 watts/in² maximum
- 1U Package: 7" x 4.25" x 1.8"
- Two-year warranty
- Mating connectors: P/Ns 104723PC, 104766PC & 104432PC, see www.Jameco.com
- Medical Safety approval
- 0°C to +70°C working temp. (see output derating)

Detailed below in blue, the Artesyn NFS110-79xxP series are 110-watt universal-input power supplies on a 7" x 4.25" x 1.8" card. The NFS110-79xxP models have proven to be highly reliable and versatile for a wide range of communication and industrial applications, with a very high peak current capability on each output for drive and motor applications. The NFS110-79xxP series features safety leakage current of less than 100µA at 264VAC and isolation voltage of 4000VAC. These models have full medical safety approval to EN60601 and UL2601, and meet conducted emissions requirements of EN55022 level A. They are designed for use in low power medical, dental and laboratory applications.



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NEW Medical Table-Top
Power Supplies & Wall
Adapters on Page 52

Open Frame

	Jameco Part No.	Manufacturer	Manufacturer Product Number	Output		Input (VAC @ Hz)	Size Inches (LxWxH)	Mounting Holes Inches (LxWxDia.)	Power Density (W/in ²)	Ripple & Noise (mV p-p)*	Load Reg. (±%)*		Line Reg. (±%)*	Inrush Curr. (A@ 120VAC)	Isolation Voltage (VAC)	Leakage Current (mA@240V)	Rise Time (ms)	Hold-up Time (ms)	Vibration	Voltage Adjustment (%)*	Efficiency (%)	Weight (lbs.)	Certification	Jameco Part No.	Price		
				Voltage@Current (min-max)	Power																				1	10	25
Open Frame	220978PC	Mean Well	MPS-30-5	+5@0-5A	25.0W	88-264@47-63	4.0x2.59x0.98	3.74x2.02x0.12	2.40	80	2.0	↔	1.0	35	4,000	0.3	30	10	10-500Hz: 2G	—	72	0.3	UL/CUL/TUV/CE	220978PC	\$36.95	\$31.95	\$27.99
	220986PC	Mean Well	MPS-30-12	+12@0-2.5A	30.0W	88-264@47-63	4.0x2.59x0.98	3.74x2.02x0.12	2.88	120	1.0		1.0	35	4,000	0.3	30	10	10-500Hz: 2G	—	75	0.3	UL/CUL/TUV/CE	220986PC	36.95	31.99	27.99
	220994PC	Mean Well	MPS-30-15	+15@0-2A	30.0W	88-264@47-63	4.0x2.59x0.98	3.74x2.02x0.12	2.88	150	1.0		0.5	35	4,000	0.3	30	10	10-500Hz: 2G	—	76	0.3	UL/CUL/TUV/CE	220994PC	36.95	31.99	27.99
	221006PC	Mean Well	MPS-30-24	+24@0-1.2A	28.8W	88-264@47-63	4.0x2.59x0.98	3.74x2.02x0.12	2.77	240	1.0		0.5	35	4,000	0.3	30	10	10-500Hz: 2G	—	77	0.3	UL/CUL/TUV/CE	221006PC	36.95	31.99	27.99
	221014PC	Mean Well	MPS-30-27	+27@0-1.1A	29.7W	88-264@47-63	4.0x2.59x0.98	3.74x2.02x0.12	2.86	240	1.0	↔	0.5	35	4,000	0.3	30	10	10-500Hz: 2G	—	78	0.3	UL/CUL/TUV/CE	221014PC	36.95	31.99	27.99
	221022PC	Mean Well	MPS-30-48	+48@0-0.6A	28.8W	88-264@47-63	4.0x2.59x0.98	3.74x2.02x0.12	2.77	240	1.0		0.5	35	4,000	0.3	30	10	10-500Hz: 2G	—	78	0.3	UL/CUL/TUV/CE	221022PC	36.95	31.99	27.99
	221031PC	Mean Well	MPS-45-3.3	+3.3@0-8A	26.4W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	1.60	80	3.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	65	0.5	UL/CUL/TUV/CE	221031PC	37.95	30.99	26.99
	221049PC	Mean Well	MPS-45-5	+5@0-8A	40.0W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.42	100	3.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	72	0.5	UL/CUL/TUV/CE	221049PC	37.95	30.99	26.99
	221057PC	Mean Well	MPS-45-7.5	+7.5@0-5.4A	40.5W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.45	100	3.0	↔	1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	75	0.5	UL/CUL/TUV/CE	221057PC	37.95	30.99	26.99
	221065PC	Mean Well	MPS-45-12	+12@0-3.7A	44.4W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.69	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	76	0.5	UL/CUL/TUV/CE	221065PC	37.95	30.99	26.99
	221073PC	Mean Well	MPS-45-13.5	+13.5@0-3.3A	44.6W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.70	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	76	0.5	UL/CUL/TUV/CE	221073PC	37.95	30.99	26.99
	221081PC	Mean Well	MPS-45-15	+15@0-3A	45.0W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.73	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	77	0.5	UL/CUL/TUV/CE	221081PC	37.95	30.99	26.99
	221090PC	Mean Well	MPS-45-24	+24@0-1.9A	45.6W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.76	100	2.0	↔	1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	78	0.5	UL/CUL/TUV/CE	221090PC	37.95	30.99	26.99
	221102PC	Mean Well	MPS-45-27	+27@0-1.7A	45.9W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.78	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	78	0.5	UL/CUL/TUV/CE	221102PC	37.95	30.99	26.99
	221111PC	Mean Well	MPS-45-48	+48@0-1A	48.0W	90-264@47-440	5.0x3.0x1.06	4.55x2.55x0.14	2.91	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	78	0.5	UL/CUL/TUV/CE	221111PC	37.95	30.99	26.99
	221129PC	Mean Well	MPS-65-3.3	+3.3@0-12A	39.6W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	1.65	80	3.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	66	0.6	UL/CUL/TUV/CE	221129PC	36.95	31.99	27.99
	221137PC	Mean Well	MPS-65-5	+5@0-12A	60.0W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.50	100	3.0	↔	1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	74	0.6	UL/CUL/TUV/CE	221137PC	36.95	31.99	27.99
	221145PC	Mean Well	MPS-65-7.5	+7.5@0-8A	60.0W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.50	100	3.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	76	0.6	UL/CUL/TUV/CE	221145PC	36.95	31.99	27.99
	221153PC	Mean Well	MPS-65-12	+12@0-5.2A	62.4W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.60	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	77	0.6	UL/CUL/TUV/CE	221153PC	36.95	31.99	27.99
	221161PC	Mean Well	MPS-65-13.5	+13.5@0-4.7A	63.5W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.65	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	78	0.6	UL/CUL/TUV/CE	221161PC	36.95	31.99	27.99
	221170PC	Mean Well	MPS-65-15	+15@0-4.2A	63.0W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.63	100	2.0	↔	1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	79	0.6	UL/CUL/TUV/CE	221170PC	36.95	31.99	27.99
	221188PC	Mean Well	MPS-65-24	+24@0-2.7A	64.8W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.70	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	80	0.6	UL/CUL/TUV/CE	221188PC	36.95	31.99	27.99
	221196PC	Mean Well	MPS-65-27	+27@0-2.4A	64.8W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.70	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	80	0.6	UL/CUL/TUV/CE	221196PC	36.95	31.99	27.99
	221209PC	Mean Well	MPS-65-48	+48@0-1.35A	64.8W	90-264@47-440	5.0x3.0x1.65	4.55x2.55x0.14	2.70	100	2.0		1.0	20	4,000	0.3	30	12	10-500Hz: 2G	10	80	0.6	UL/CUL/TUV/CE	221209PC	36.95	31.99	27.99
Open Frame	220222PC	Artesyn	NFS110-7901P	5.1V@0-8; 12V@0-4.5A; -5V@0-0.5A; -12V@0-0.5A	110W	90-253@47-440	7.0x4.25x1.8	6.6x3.75x0.156	2.05	50	—	↔	0.1	17	4,000	0.1	—	17	5-500Hz: 2.4G	3	70	1.3	UL/CSA/VDE/CE	220222PC	\$109.95	\$98.99	\$89.95
	220214PC	Artesyn	NFS110-7902P	5.1V@0-8A; 12V@0-4.5A; 24V@0-3.5A; -12V@0-0.5A	110W	90-253@47-440	7.0x4.25x1.8	6.6x3.75x0.156	2.05	50	—		0.1	17	4,000	0.1	—	17	5-500Hz: 2.4G	3	70	1.3	UL/CSA/VDE/CE	220214PC	\$109.95	\$98.99	\$89.95

Other Versions
Available: Call
800-831-4242

* Primary Output





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Now you can avoid the hassles of "large company" distribution channels and get immediate delivery of products from some of the world's top power products manufacturers. Be sure to see pages 33-43 for our complete line of DC-to-DC converters.

need to make good technical choices. And if you have on-going needs, be sure to ask for an Inside Sales representative. Your personal sales rep will be familiar with your unique requirements, order after order.

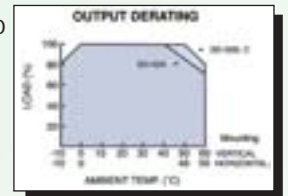


Looking to save even more? We already guarantee the lowest prices, but you can save even more when you purchase from Jameco in larger quantities! Our Inside Sales reps are available at 1-800-831-4242 to get you the best value on your quantity purchases.

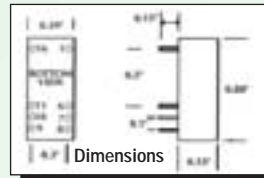


 In addition to providing you with products suitable for long-term production runs, Jameco also continues to offer limited-supply products at great savings. We've negotiated great deals for these limited availability supplies, and you can be assured we're passing the savings on to you.

Now as part of our commitment to the expanding DC-to-DC converter line, we have added information to help you make informed technical decisions. You have more in-depth information, including output derating curves and specifications including output ripple, regulation, certifications, and more. Plus,



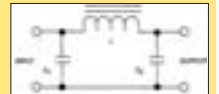
the charts in this catalog allow you to easily compare specifications of multiple manufacturers' products. Need more help deciding? You can always call our toll-free tech support hot-line at 1-800-831-4242. Our senior technicians are available to help solve your power supply challenges.



Not sure of the meaning of a converter term? We've featured numerous explanations throughout the power section offering the definition of the terms used in this catalog and the industry.

Whether you need to buy 1, 10 or 100 products, you'll find ordering is easy at Jameco Electronics. You can call us any time of day or night, 365 days a year at 1-800-831-4242, fax your order to 1-800-237-6948 or place your order online at www.Jameco.com/Power. We'll be ready to process your order. And remember, 99% of orders placed before 6 pm EST go out the same day, so you know you'll get your order quicker!

PI-FILTER:
A commonly used filter at the input of a switching supply or DC/DC converter to reduce reflected ripple current. The filter usually consists of two parallel capacitors and a series of inductance and is generally built into supply.



Artesyn 6 to 30-Amp Non-Isolated, Point-of-Load DC-to-DC Converters

6-Amp SIL06C Series

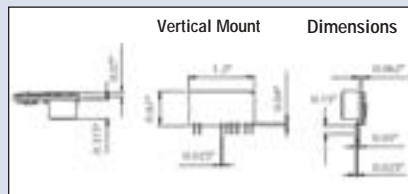
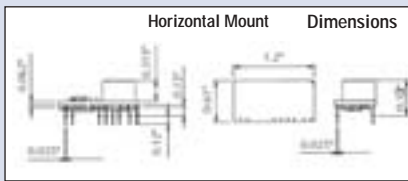
- Ultra-wide trim range
- Horizontal and vertical models
- "Power good" signal
- Protection: over-current & short-circuit
- Working temperature: 0° to +80°C (derated above 50°C)

Highlighted below in blue, the SIL06C series are new high-density, open-frame, non-isolated DC-to-DC converters for space-sensitive applications. An external resistor adjusts the output voltage from its pre-set value of 0.9V to any value up to the 3.3V maximum. The SIL06C series offers remote ON/OFF and over-current protection as standard. With full international safety approval including EN60950 and UL60950, the SIL06C reduces compliance costs and time to market.

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10-Amp SIL10E Series

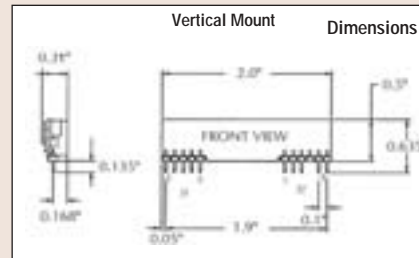
- Highest power density: 107W/in³
- Remote sense
- 96% efficiency at 3.3V
- Protection: thermal & short-circuit
- Working temperature: -40° to +100°C (derated above 70°C)

Detailed below in tan, the SIL10E series are non-isolated DC/DC converters packaged in a single-in-line footprint giving designers a cost-effective and easy-to-fit solution for conversion from either a 3.3V or 5V input voltage to an output voltage in the range of 0.8V-3.6V. The SIL10E offers both fixed outputs and wide output trim range, which allows maximum design flexibility and a pathway for future upgrades. The SIL10E is designed for applications that include distributed power, workstations, optical network and wireless applications.

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15-Amp SIL15C Series

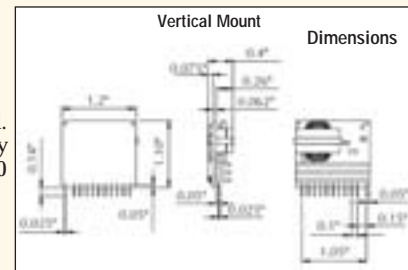
- 91% efficiency
- Ultra-wide trim range
- "Power good" signal
- Protection: over-current & short-circuit
- Working temperature: 0° to +80°C (derated above 50°C)

Highlighted below in buff color, the SIL15C series are new high-density, open frame, non-isolated DC/DC converters for space-sensitive applications. Each model has a wide input range (4.5-5.5V or 10.2-13.8V) and offers a wide output voltage range of either 0.9-3.3V or 0.9-5V with a 15A load. An external resistor adjusts the output voltage from its pre-set value of 0.9V to any value up to the maximum allowed value for the model. With full international safety approval including EN60950 and UL/CUL60950, the SIL15C Series reduces compliance costs and time to market.

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30-Amp SIL30C Series

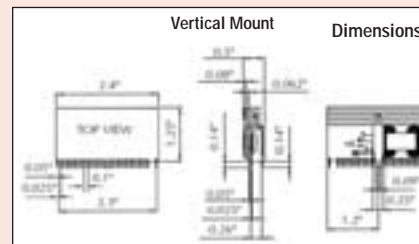
- 91% efficiency
- Ultra-wide trim range
- Horizontal & vertical models
- "Power good" signal
- Protection: over-current, over-temperature & short-circuit
- Working temperature: 0° to +80°C (derated above 50°C)

Highlighted below in rose color, the SIL30C series are new high-density, open-frame, non-isolated DC/DC converters for space sensitive applications. The converters have a wide input range (10.2-13.8VDC) and offer a wide 0.9-5V output voltage range with a 30A load.

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The SIL Series Converters above also have the following features:

New Lower Prices Marked in Red

- di/dt: 10A/μs
- 100% burn-in test
- No minimum load
- Planar magnetics technology
- Very high MTBF
- Remote ON/OFF
- Two-year warranty

Mfr.	Manufacturer Product Number*	Input Range	Output		Size Inches (LxWxH)	Pins	Line Reg. (±%)	Load Reg. (±%)	Temp. °C	Efficiency (%)	MTBF (hours)	Jameco Part No.	Price			
			Voltage@Current	Power									1	10	25	100
Artesyn	SIL06C-05SADJ-V	4.5V-5.5V	0.9-3.3V@6A	20W	1.20x0.61x0.07	8	0.2	0.5	0 to +80	89	1,300,000	219150PC	\$10.25	\$9.75	\$9.25	\$10.59
Artesyn	SIL06C-05SADJ-H	4.5V-5.5V	0.9-3.3V@6A	20W	1.20x0.61x0.53	8	0.2	0.5	0 to +80	89	1,300,000	219168PC	10.25	9.75	9.25	10.59
Artesyn	SIL10E-05S1V8-V	3.0V-5.5V	1.8V@10A	18W	2.00x0.50x0.31	11	1.0	1.0	-40 to +100	92	7,042,000	219141PC	21.95	20.95	19.95	18.95
Artesyn	SIL10E-05S2V5-V	3.0V-5.5V	2.5V@10A	25W	2.00x0.50x0.31	11	1.0	1.0	-40 to +100	94	7,042,000	219133PC	21.95	20.95	19.95	18.95
Artesyn	SIL10E-05W3V3-V	4.5V-5.5V	0.8-3.6V@10A	33W	2.00x0.50x0.31	11	1.0	1.0	-40 to +100	95	7,042,000	219117PC	21.95	20.95	19.95	18.95
Artesyn	SIL10E-05S3V3-V	4.5V-5.5V	3.3V@10A	33W	2.00x0.50x0.31	11	1.0	1.0	-40 to +100	95	7,042,000	219125PC	21.95	20.95	19.95	18.95
Artesyn	SIL15C-05SADJ-V	4.5V-5.5V	0.9V-3.3V@15A	50W	1.20x1.10x0.40	13	0.2	0.5	0 to +80	89	7,817,000	218886PC	13.95	13.25	12.75	12.25
Artesyn	SIL15C-12SADJ-V	10.2V-13.8V	0.9V-5V@15A	75W	1.20x1.10x0.40	13	0.2	0.5	0 to +80	91	7,817,000	218878PC	15.95	15.20	14.69	14.19
Artesyn	SIL30C-12SADJ-V	10.2V-13.8V	0.9V-5V@30A	150W	2.40x1.25x0.47	24	0.2	1.0	0 to +80	91	129,000	218860PC	21.95	20.95	20.15	19.39

* Suffix: V=Vertical; H=Horizontal



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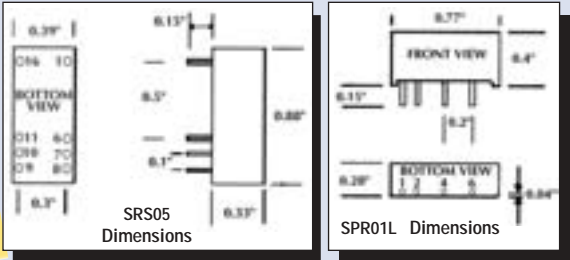
New Lower Prices
Marked in Red

0.5 & 1-Watt Regulated Encapsulated

SRS05 & SPR01 Series: Single Output

- 1000VDC isolation
- Input filter: capacitor type
- Protection: short-circuit
- No external components needed
- 100% burn-in test
- One-year warranty
- Very high MTBF
- Working temperature: -15 to +60°C @ full load
-25 to +71°C @ 80% load

Detailed below in blue, the Mean Well SRS05 and SPR01 series are low-cost, highly reliable, low-power, regulated 0.5-watt and 1.0- watt DC-to-DC converters that are easy to use because no external components are required. Internally they employ high-density SMD technology and are packaged in a non-conductive plastic case for safety. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 100MΩ and capacitance of 80pF maximum. Short-circuit protection is a standard feature and electrical noise is minimized with a capacitor-type input filter. Line and load regulation are both ±1%.



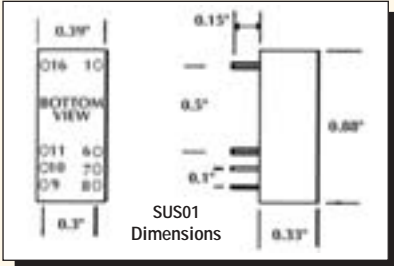
UNDERSTANDING CONVERTERS #1
PI-FILTER: A commonly used filter at the input of a switching supply or DC/DC converter to reduce reflected ripple current. The filter usually consists of two parallel capacitors and a series of inductance and is generally built into supply.

1-Watt Unregulated Encapsulated

SUS01 Series: Single Output

- 1000VDC isolation
- Input filter: capacitor type
- Protection: short-circuit
- No external components needed
- 100% burn-in test
- One-year warranty
- Very high MTBF
- Working temperature: -15 to +60°C @ full load
-25 to +71°C @ 80% load

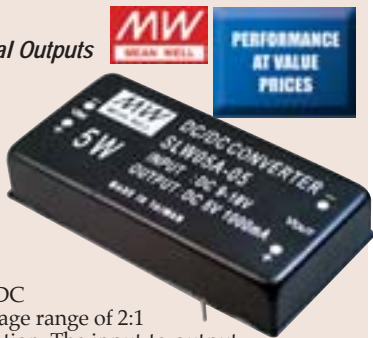
Shown below in buff color, our lowest price Mean Well DC-to-DC converter is the unregulated 1.0-watt SUS01. It requires no external components and features a capacitor-type input filter for minimum noise. SMD technology is employed for superior reliability and small size. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 100MΩ and capacitance of 80pF maximum. Adequate for many applications, line regulation is ±1.2% and load regulation from 20% to 100% of full load is ±8%. The dual-in-line non-conductive plastic package makes the SUS01 easy to design in. The working temperature is -15°C to +60°C with no derating and -25°C to +71°C at 80% load.



3 & 5-Watt Regulated Encapsulated

DCW03, SCW03, DLW05 & SLW05 Series: Single & Dual Outputs

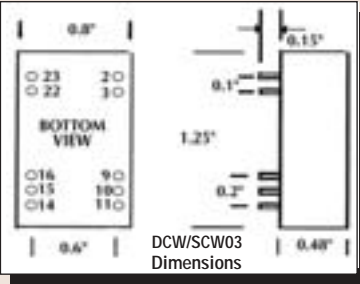
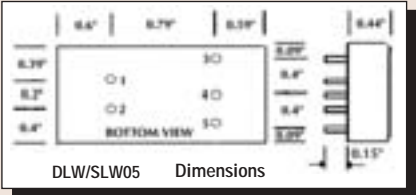
- 1000VDC isolation
- Input filter: Pi network
- No external components needed
- Industry standard package
- 2:1 wide input range
- Shielded metal case
- 100% burn-in test
- One-year warranty
- Free-air convection cooling
- Very high MTBF
- Protection: short-circuit & overload
- Working temperature: -15 to +60°C @ full load;
-25 to +71°C @ 80% load



Highlighted below in tan, these popular regulated DC-to-DC converters performance features include a wide input voltage range of 2:1 and the use of a pi-network input filter for low noise operation. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 100MΩ.

The Mean Well SCW03 and DCW03 families include single and dual-output 3-watt configurations packaged in five-sided shielded metal cases. The industry-standard package size supports full power with free-air convection.

Offering both single and dual outputs, the Mean Well SLW05 & DLW05 5-watt series are very popular because of their low-cost, reliability, and industry-standard package comprised of a six-sided shielded metal case. Continuous short-circuit protection and overload protection, both with auto-recovery, are standard features.



	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Jameco Number	Price					
					Voltage@Current															Power	1	10	25		100
Encapsulated	213225PC	Mean Well	SRS-0505	4.5-5.5V	+5V@100mA	0.5W	0.88x0.39x0.33	4.63	8	↔	100	1.0	1.0	500k	1,000	-15 to +60	62	0.01	213225PC	\$7.95	\$7.19	\$6.45	\$5.85		
	213313PC	Mean Well	SPR01L-05	4.5-5.5V	+5V@200mA	1.0W	0.77x0.28x0.4	17.86	4		100	1.0	1.0	100k	1,000	-15 to +60	57	0.01	213313PC	9.95	8.95	8.09	7.28		
	216830PC	Mean Well	SPR01L-12	4.5-5.5V	+12V@84mA	1.0W	0.77x0.28x0.4	17.86	4		100	1.0	1.0	100k	1,000	-15 to +60	61	0.01	216830PC	9.95	8.95	8.09	7.28		
	216848PC	Mean Well	SPR01L-15	4.5-5.5V	+15V@67mA	1.0W	0.77x0.28x0.4	17.86	4		100	1.0	1.0	100k	1,000	-15 to +60	62	0.01	216848PC	9.95	8.95	8.09	7.28		
	213250PC	Mean Well	SPR01N-05	21.6-26.4V	+5V@200mA	1.0W	0.77x0.28x0.4	17.86	4		100	1.0	1.0	100k	1,000	-15 to +60	62	0.01	213250PC	7.95	7.19	6.45	5.85		
	213241PC	Mean Well	SUS01L-05	4.5-5.5V	+5V@200mA	1.0W	0.88x0.39x0.33	9.26	8	↔	100	8.0	1.2	100k	1,000	-15 to +60	73	0.01	213241PC	7.95	7.29	6.49	5.85		
	213268PC	Mean Well	SCW03A-05	9-18V	+5V@600mA	3.0W	1.25x0.8x0.48	2.08	10		100	1.0	0.5	25k	1,000	-15 to +60	74	0.03	213268PC	15.49	13.95	12.59	11.29		
	213217PC	Mean Well	SCW03B-05	18-36V	+5V@600mA	3.0W	1.25x0.8x0.48	6.25	10		100	1.0	0.5	25k	1,000	-15 to +60	75	0.03	213217PC	15.49	13.95	12.59	11.39		
	155918PC	Mean Well	DCW03A-05	9-18V	+5V@300mA; -5V@300mA	3.0W	1.25x0.8x0.48	7.14	10		100	1.0	0.5	25k	1,000	-15 to +60	74	0.03	155918PC	20.95	18.89	16.99	15.29		
	161701PC	Mean Well	DCW03A-12	9-18V	+12V@125mA; -12V@125mA	3.0W	1.25x0.8x0.48	5.77	10		100	1.0	0.5	25k	1,000	-15 to +60	80	0.03	161701PC	20.95	18.89	16.99	15.29		
	220388PC	Mean Well	SLW05L-12	4.5-9V	+12V@417mA	5.0W	1.98x0.99x0.44	6.25	5		100	0.2	0.5	50k	1,000	-15 to +60	70	0.07	220388PC	24.95	22.49	20.25	18.25		
	220370PC	Mean Well	SLW05L-15	4.5-9V	+15V@333mA	5.0W	1.98x0.99x0.44	6.25	5		100	0.2	0.5	50k	1,000	-15 to +60	72	0.07	220370PC	24.95	22.49	20.25	18.25		
	220353PC	Mean Well	SLW05A-033	9-18V	+3.3V@1500mA	5.0W	1.98x0.99x0.44	6.25	5		100	0.2	0.5	50k	1,000	-15 to +60	70	0.07	220353PC	24.95	22.49	20.25	18.25		
	216928PC	Mean Well	SLW05A-05	9-18V	+5V@1000mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	75	0.07	216928PC	24.95	22.49	20.25	18.25		
	216899PC	Mean Well	SLW05A-12	9-18V	+12V@417mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	80	0.07	216899PC	24.95	22.49	20.25	18.25		
	216881PC	Mean Well	SLW05A-15	9-18V	+15V@333mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	81	0.07	216881PC	24.95	22.49	20.25	18.25		
	220361PC	Mean Well	SLW05B-033	18-36V	+3.3V@1500mA	5.0W	1.98x0.99x0.44	6.25	5		100	0.2	0.5	50k	1,000	-15 to +60	71	0.07	220361PC	24.95	22.49	20.25	18.25		
	216936PC	Mean Well	SLW05B-05	18-36V	+5V@1000mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	77	0.07	216936PC	24.95	22.49	20.25	18.25		
	216910PC	Mean Well	SLW05B-12	18-36V	+12V@417mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	82	0.07	216910PC	24.95	22.49	20.25	18.25		
	216872PC	Mean Well	SLW05B-15	18-36V	+15V@333mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	83	0.07	216872PC	24.95	22.49	20.25	18.25		
	213233PC	Mean Well	SLW05C-05	36-72V	+5V@1000mA	5.0W	1.98x0.99x0.44	6.25	5	↔	100	1.0	0.2	50k	1,000	-15 to +60	77	0.07	213233PC	19.95	17.99	16.19	14.55		
	216901PC	Mean Well	SLW05C-12	36-72V	+12V@417mA	5.0W	1.98x0.99x0.44	6.25	5		100	1.0	0.2	50k	1,000	-15 to +60	83	0.07	216901PC	24.95	22.49	20.25	18.25		
	216856PC	Mean Well	DLW05A-12	9-18V	+12V@208mA; -12V@208mA	5.0W	1.98x0.99x0.44	6.25	5		100	2.0	0.2	50k	1,000	-15 to +60	80	0.07	216856PC	28.95	26.09	23.15	20.85		
	216864PC	Mean Well	DLW05B-12	18-36V	+12V@208mA; -12V@208mA	5.0W	1.98x0.99x0.44	6.25	5		100	2.0	0.2	50k	1,000	-15 to +60	82	0.07	216864PC	28.95	26.09	23.15	20.85		

Other Versions Available: Call 800-831-4242

Limited Supply – Special Offers – 90-Day Warranty

Encapsulated	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Jameco Number	Price				Encapsulated
	Voltage@Current					Power																		
																				1	10	25	100	
	206076PC	Trimag	TDB4W-4805S	36-72V	+5V@500mA	3.0W	1.2x0.8x0.5	6.25	12	↔	50	1.0	1.0	25k	500	-25 to +70	70	0.03	206076PC	\$9.95	\$9.95	\$8.99	\$8.09	\$7.25
	206092PC	Universal Microelectronics	UM1014	36-72V	+5V@250mA; -5V@250mA	3.0W	1.2x0.8x0.4	7.81	14		100	0.5	0.2	200k	1,000	-25 to +71	77	0.03	206092PC	\$5.95	7.95	7.19	6.45	5.85



10 to 15-Watt Isolated DC-to-DC Converters



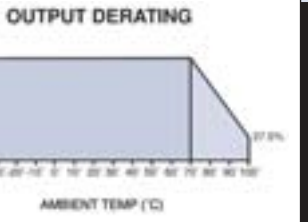
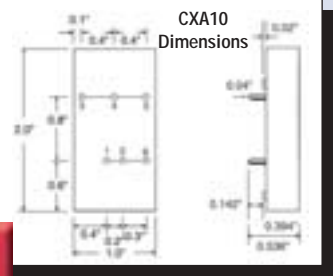
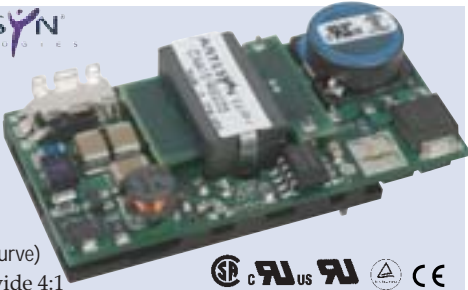
New Lower Prices
Marked in Red

10 to 15-Watt Isolated DC-to-DC Converters

10-Watt Open Frame
CXA10 Series: Single Output

- 1500VDC isolation
- Industry standard footprint
- Protection: short-circuit & overload
- 100% burn-in test
- Very high MTBF
- Low ripple & noise
- Working temperature: -40 to +100°C (see derating curve)
- Two-year warranty
- Remote ON/OFF
- 4:1 input voltage range

Detailed below in blue, the CXA10 series has a wide 4:1 input voltage range of 18 to 75 VDC. The CXA10 has been designed as a competitive open-frame alternative for the communications market, featuring an industry-standard footprint of 2" x 1" x 0.4". Other important product features include over-voltage protection, short-circuit protection and remote ON/OFF. Planar magnetics are used in the design to improve reliability and reduce the profile. The series has full international safety approval to EN60950 and UL1950, reducing system compliance costs. The basic insulation system from input to output makes it suitable for a wide variety of applications.



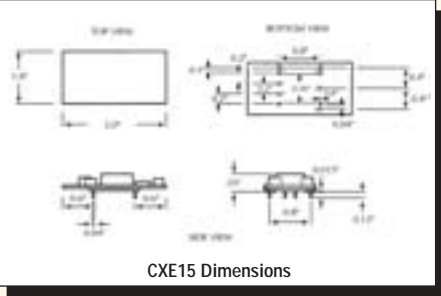
UNDERSTANDING CONVERTERS #2
OTP: OVER-TEMPERATURE PROTECTION A protection system for converters where the converter shuts down if the ambient temperature exceeds the converters ratings. OTP is intended to save the converter and any down-stream equipment in the event of a catastrophic failure of a fan or such. OTP usually measures the hottest item on board the converter rather than ambient temperature.

TOP QUALITY U.S. BRAND

15-Watt Open Frame
CXE15 Series: Single Output

- 1500VDC isolation
- Industry standard footprint
- Protection: over-voltage & over-current
- 100% burn-in test
- Two-year warranty
- Remote ON/OFF
- Low ripple & noise
- 87% efficiency at 5V
- No minimum load
- Output trim
- Planar magnetics technology
- Working temperature: -40° to +65°C

Highlighted below in buff color, the CXE15 is a high-efficiency, open-frame, isolated 15-watt DC-to-DC converter series in an industry standard footprint. They feature an input voltage range of 33 to 75VDC and are available in output voltages of 1.8V, 2.5V, 3.3V, and 5V. The output voltage on each model is adjustable from 90% to 110% of the nominal value. With full international safety approval including EN60950 and UL1950, the CXE15 reduces compliance cost and time to market.



TOP QUALITY U.S. BRAND

10-Watt Encapsulated

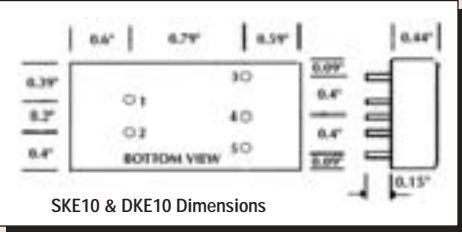
SKE10 & DKE10 Series: Single & Dual Outputs

- 1000VDC isolation
- Input filter: Pi-network
- Protection: short-circuit & overload
- 100% burn-in test
- One-year warranty
- Very high MTBF
- Free-air convection cooling
- Industry standard package
- Working temperature: -15 to +60°C @ full load; -25 to +71°C @ 80% load
- Shielded metal case
- 2:1 wide input range

Highlighted below in tan, the Mean Well SKE10 & DKE10 families of regulated DC-to-DC converters include popular single and dual-output 10-watt configurations packaged in six-sided shielded metal cases. The industry-standard package size supports full power with free-air convection. Performance features include a wide input voltage range of 2:1 and the use of a pi-network input filter for low noise operation. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 100MΩ. Line regulation is ±0.3% maximum, and load regulation for a load change of 20% to full load is ±1% for single output and ±2% for dual output. The working temperature is -15°C to +60°C with no derating and -25°C to +71°C at 80% load. Protection includes short-circuit and overload.



UNDERSTANDING CONVERTERS #3
DPA: DISTRIBUTED POWER ARCHITECTURE. This is a power distribution system where the conversion to lower voltages is done locally near the load. An interim DC voltage is provided from the AC mains by a Front-End. This is then distributed to smaller DC-DC converters spread throughout the system where they are required.



	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Certification	Jameco Number	Price				
					Voltage@Current	Power															1	10	25	100	
Open Frame	219037PC	Artesyn	CXA10-48S3V3	18-75V	+3.3V@2400mA	7.9W	2.0x1.0x0.536	9.9	6	↔	30	0.1	0.2	400k	1,500	-40 to +70	78	0.03	UL/CUL/CSA/VE/CE	219037PC	\$41.45	\$39.39	\$37.39	\$35.59	Open Frame
	219045PC	Artesyn	CXA10-48S05	18-75V	+5.0V@2000mA	10.0W	2.0x1.0x0.536	12.5	6		30	0.1	0.2	400k	1,500	-40 to +70	81	0.03	UL/CUL/CSA/VE/CE	219045PC	41.45	39.39	37.39	35.59	
	219070PC	Artesyn	CXE15-48S1V8	33-75V	+1.8V@6000mA	10.8W	2.0x1.0x0.35	13.5	6		40	0.3	2.0	265k	1,500	-40 to +70	83	0.03	UL/CUL/TUV/CE	219070PC	44.85	42.95	40.49	38.49	
	219088PC	Artesyn	CXE15-48S2V5	33-75V	+2.5V@6000mA	15.0W	2.0x1.0x0.35	18.8	6		40	0.3	1.5	265k	1,500	-40 to +70	85	0.03	UL/CUL/TUV/CE	219088PC	44.85	42.95	40.49	38.49	
	219053PC	Artesyn	CXE15-48S3V3	33-75V	+3.3V@4500mA	15.0W	2.0x1.0x0.35	18.8	6		70	0.1	0.5	265k	1,500	-40 to +65	86	0.03	UL/CUL/TUV/CE	219053PC	44.85	42.95	40.49	38.49	
	219061PC	Artesyn	CXE15-48S05V	33-75V	+5V@3000mA	15.0W	2.0x1.0x0.35	18.8	6		70	0.1	0.5	265k	1,500	-40 to +65	87	0.03	UL/CUL/TUV/CE	219061PC	44.85	42.95	40.49	38.49	
Encapsulated	216961PC	Mean Well	SKE10A-05	9-18V	+5V@2000mA	10.0W	1.98x0.99x0.44	12.5	5	↔	50	0.3	1.0	300k	500	-15 to +60	81	0.07	—	216961PC	33.95	30.55	26.95	24.55	Encapsulated
	217007PC	Mean Well	SKE10A-12	9-18V	+12V@840mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	1.0	300k	500	-15 to +60	81	0.07	—	217007PC	33.95	30.55	26.95	24.55	
	216979PC	Mean Well	SKE10A-15	9-18V	+15V@666mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	1.0	300k	500	-15 to +60	81	0.07	—	216979PC	33.95	30.55	26.95	24.55	
	220337PC	Mean Well	SKE10B-033	18-36V	+3.3V@2400mA	8.0W	1.98x0.99x0.44	10.0	5		50	0.3	0.5	200k	1,000	-15 to +60	76	0.07	—	220337PC	33.95	30.55	26.95	24.55	
	216952PC	Mean Well	SKE10B-05	18-36V	+5V@2000mA	10.0W	1.98x0.99x0.44	12.5	5		50	0.3	0.5	250k	1,000	-15 to +60	79	0.07	—	216952PC	33.95	30.55	26.95	24.55	
	217023PC	Mean Well	SKE10B-12	18-36V	+12V@840mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	83	0.07	—	217023PC	33.95	30.55	26.95	24.55	
	216995PC	Mean Well	SKE10B-15	18-36V	+15V@666mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	83	0.07	—	216995PC	33.95	30.55	26.95	24.55	
	220345PC	Mean Well	SKE10C-033	36-72V	+3.3V@2400mA	8.0W	1.98x0.99x0.44	10.0	5		50	0.3	0.5	200k	1,000	-15 to +60	76	0.07	—	220345PC	33.95	30.55	26.95	24.55	
	216944PC	Mean Well	SKE10C-05	36-72V	+5V@2000mA	10.0W	1.98x0.99x0.44	12.5	5		50	0.3	1.0	250k	1,000	-15 to +60	80	0.07	—	216944PC	33.95	30.55	26.95	24.55	
	217015PC	Mean Well	SKE10C-12	36-72V	+12V@840mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	1.0	250k	1,000	-15 to +60	82	0.07	—	217015PC	33.95	30.55	26.95	24.55	
	216987PC	Mean Well	SKE10C-15	36-72V	+15V@666mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	1.0	250k	1,000	-15 to +60	82	0.07	—	216987PC	33.95	30.55	26.95	24.55	
	217031PC	Mean Well	DKE10A-05	9-18V	+5V@1000mA; -5V@1000mA	10.0W	1.98x0.99x0.44	12.5	5		50	0.3	0.5	250k	1,000	-15 to +60	78	0.07	—	217031PC	34.95	31.45	27.95	25.45	
	217091PC	Mean Well	DKE10A-12	9-18V	+12V@420mA; -12V@420mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	80	0.07	—	217091PC	34.95	31.45	27.95	25.45	
	217111PC	Mean Well	DKE10A-15	9-18V	+15V@333mA; -15V@333mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	82	0.07	—	217111PC	34.95	31.45	27.95	25.45	
	217058PC	Mean Well	DKE10B-05	18-36V	+5V@1000mA; -5V@1000mA	10.0W	1.98x0.99x0.44	12.5	5		50	0.3	0.5	250k	1,000	-15 to +60	81	0.07	—	217058PC	34.95	31.45	27.95	25.45	
	217082PC	Mean Well	DKE10B-12	18-36V	+12V@420mA; -12V@420mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	80	0.07	—	217082PC	34.95	31.45	27.95	25.45	
	217074PC	Mean Well	DKE10B-15	18-36V	+15V@333mA; -15V@333mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	80	0.07	—	217074PC	34.95	31.45	27.95	25.45	
	217040PC	Mean Well	DKE10C-05	36-72V	+5V@1000mA; -5V@1000mA	10.0W	1.98x0.99x0.44	12.5	5		50	0.3	0.5	250k	1,000	-15 to +60	82	0.07	—	217040PC	34.95	31.45	27.95	25.45	
	217103PC	Mean Well	DKE10C-12	36-72V	+12V@420mA; -12V@420mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	83	0.07	—	217103PC	34.95	31.45	27.95	25.45	
	217066PC	Mean Well	DKE10C-15	36-72V	+15V@333mA; -15V@333mA	10.0W	1.98x0.99x0.44	12.5	5		60	0.3	0.5	250k	1,000	-15 to +60	84	0.07	—	217066PC	34.95	31.45	27.95	25.45	
Limited Supply – Special Offers – 90-Day Warranty																									
Encapsulated	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins	↔	Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Certification	Jameco Number	Price				Encapsulated
					Voltage@Current	Power															1	10	25	100	
	205954PC	Power-One	DFC10E48S12	36-72V	+12V@900mA	10.0W	2.0x1.0x0.4	12.5	4	↔	60	0.2	0.2	220k	700	-40 to +90	83	0.06	—	205954PC	\$14.95	\$13.49	\$12.15	\$10.99	



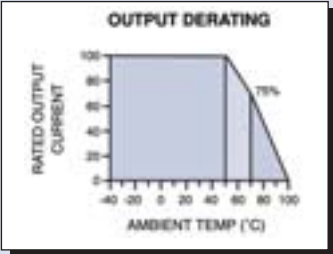
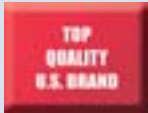


New Lower Prices
Marked in Red

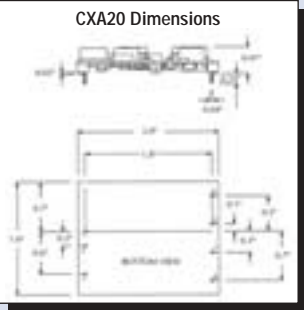
20-Watt Open Frame
CXA20 Series: Single Output

- 1500VDC isolation
- Industry standard footprint
- 100% burn-in test
- Two-year warranty
- Remote ON/OFF
- 4:1 input voltage range
- No minimum load
- Output trim
- Planar magnetics technology
- Protection: over-voltage, over-temperature & short-circuit
- Working temperature: -40° to +100°C (see derating curve)

Highlighted below in blue, the CXA20 series is 20-watt, open-frame, isolated, DC-to-DC converters. It features a 4:1 input voltage range of 18 to 75VDC, making it suitable for a wide variety of communications and distributed power applications. With its 2.0" x 1.6" industry-standard footprint, the CXA20 provides an easy upgrade option for those seeking a high-performance, cost-effective DC-to-DC converter.



CXA20 Dimensions



15-Watt Encapsulated

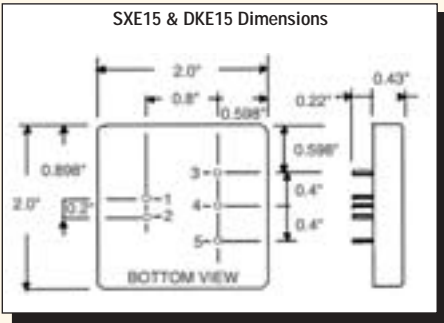
SKE15 & DKE15 Series: Single & Dual Outputs

- 1000VDC isolation
- Industry standard package
- Protection: short-circuit & overload
- 100% burn-in test
- One-year warranty
- Shielded metal case
- 2:1 wide input range
- Input filter: Pi-network
- Free-air convection cooling
- Working temperature: -15° to +60°C @ full load; -25° to +71°C @ 80% load

Highlighted below in buff color, available in both single and dual outputs, the Mean Well SKE15 & DKE15 series are very popular regulated 15-watt DC-to-DC converters because of their low-cost, reliability, and industry-standard package comprised of a six-sided, shielded metal case. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 100MΩ. Continuous short-circuit protection and overload protection, both with auto-recovery, are standard features. The input voltage range is a wide 2:1 and electrical noise is minimized with a pi-network input filter.



SXE15 & DKE15 Dimensions



20-Watt Encapsulated

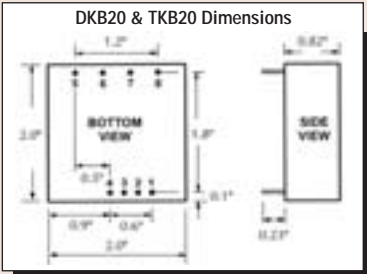
DKB20 & TKB20 Series: Dual & Triple Outputs

- 1000VDC isolation
- 0.2% regulation
- Protection: short-circuit & overload
- 100% burn-in test
- One-year warranty
- Shielded metal case
- Input filter: Pi network
- Remote ON/OFF
- Output trim
- Free-air convection cooling
- Industry standard package
- Working temperature: -40° to +71°C

Highlighted below in tan, featuring extraordinary line and load regulation of ±0.2%, the Mean Well DKB20 & TKB20 families of regulated DC-to-DC converters are superior for applications where the output voltage must stay within tight limits during extreme operating conditions. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 100MΩ. For ease of use, the DKB20 & TKB20 units require no external components and provide both voltage trim and remote ON/OFF capability.



DKB20 & TKB20 Dimensions

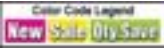


	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in ²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Certification	Jameco Number	Price				
					Voltage@Current	Power															1	10	25	100	
Open Frame	219109PC	Artesyn	CXA20-48S3V3	18-75V	+3.3V@6000mA	19.8W	2.0x1.6x0.41	15.5	8		75	0.1	0.2	400k	1,500	-40 to +60	80	0.06	UL/CUL/CSA/DE/CE	219109PC	\$53.95	\$48.59	\$43.75	\$39.35	Frame Open
	219096PC	Artesyn	CXA20-48S05	18-75V	+5V@4000mA	20.0W	2.0x1.6x0.41	15.6	8		75	0.1	0.1	400k	1,500	-40 to +60	83	0.06	UL/CUL/CSA/DE/CE	219096PC	\$53.95	48.59	43.75	39.35	
Encapsulated	155715PC	Mean Well	SKE15A-05	9-18V	+5V@3000mA	15.0W	2.0x2.0x0.43	9.4	5	↔	50	0.3	0.5	150k	1,000	-15 to +60	79	0.15	—	155715PC	34.95	31.49	28.15	25.35	Encapsulated
	155707PC	Mean Well	SKE15A-12	9-18V	+12V@1250mA	15.0W	2.0x2.0x0.43	9.4	5		60	0.3	0.5	150k	1,000	-15 to +60	80	0.15	—	155707PC	34.95	31.19	28.15	25.35	
	155694PC	Mean Well	SKE15A-24	9-18V	+24V@625mA	15.0W	2.0x2.0x0.43	9.4	5		80	0.3	0.5	150k	1,000	-15 to +60	82	0.15	—	155694PC	34.95	31.49	28.15	25.35	
	213276PC	Mean Well	SKE15B-05	18-36V	+5V@3000mA	15.0W	2.0x2.0x0.43	9.4	5		50	0.3	0.5	150k	1,000	-15 to +60	79	0.15	—	213276PC	34.95	31.49	28.15	25.35	
	213284PC	Mean Well	SKE15B-12	18-36V	+12V@1250mA	15.0W	2.0x2.0x0.43	9.4	5		60	0.3	0.5	150k	1,000	-15 to +60	82	0.15	—	213284PC	34.95	31.49	28.15	25.35	
	217138PC	Mean Well	SKE15C-05	36-72V	+5V@3000mA	15.0W	2.0x2.0x0.43	9.4	5		50	0.3	0.5	150k	1,000	-15 to +60	80	0.15	—	217138PC	34.95	31.49	28.15	25.35	
	217120PC	Mean Well	SKE15C-12	36-72V	+12V@1250mA	15.0W	2.0x2.0x0.43	9.4	5		60	0.3	0.5	150k	1,000	-15 to +60	82	0.15	—	217120PC	34.95	31.49	28.15	25.35	
	161710PC	Mean Well	DKE15A-05	9-18V	+5V@1500mA; -5V@1500mA	15.0W	2.0x2.0x0.43	9.4	5		50	0.3	0.5	150k	1,000	-15 to +60	81	0.15	—	161710PC	35.95	32.39	29.15	26.25	
	161728PC	Mean Well	DKE15A-12	9-18V	+12V@625mA; -12V@625mA	15.0W	2.0x2.0x0.43	9.4	5		60	0.3	0.5	150k	1,000	-15 to +60	82	0.15	—	161728PC	35.95	32.39	29.15	26.25	
	213292PC	Mean Well	DKE15A-24	9-18V	+24V@313mA; -24V@313mA	15.0W	2.0x2.0x0.43	9.4	5		80	0.3	0.5	150k	1,000	-15 to +60	82	0.15	—	213292PC	35.95	32.39	29.15	26.25	
	217162PC	Mean Well	DKE15B-15	18-36V	+15V@500mA; -15V@500mA	15.0W	2.0x2.0x0.43	9.4	5	↔	60	0.3	0.5	150k	1,000	-15 to +60	83	0.15	—	217162PC	35.95	32.39	29.15	26.25	
	217154PC	Mean Well	DKE15C-15	36-72V	+15V@500mA; -15V@500mA	15.0W	2.0x2.0x0.43	9.4	5		60	0.3	0.5	150k	1,000	-15 to +60	82	0.15	—	217154PC	33.95	30.59	26.95	24.59	
	217630PC	Mean Well	DKB20A-05	9-18V	+5V@2000mA; -5V@2000mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	80	0.25	—	217630PC	44.95	40.49	36.45	32.79	
	217584PC	Mean Well	DKB20A-12	9-18V	+12V@833mA; -12V@833mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217584PC	44.95	40.49	36.45	32.79	
	217621PC	Mean Well	DKB20A-15	9-18V	+15V@667mA; -15V@667mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217621PC	44.95	40.49	36.45	32.79	
	217592PC	Mean Well	DKB20B-12	18-36V	+12V@833mA; -12V@833mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	85	0.25	—	217592PC	44.95	40.49	36.45	32.79	
	217605PC	Mean Well	DKB20B-15	18-36V	+15V@667mA; -15V@667mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	85	0.25	—	217605PC	44.95	40.49	36.45	32.79	
	217576PC	Mean Well	DKB20C-12	36-72V	+12V@833mA; -12V@833mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217576PC	44.95	40.49	36.45	32.79	
	217613PC	Mean Well	DKB20C-15	36-72V	+15V@667mA; -15V@667mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217613PC	44.95	40.49	36.45	32.79	
	217656PC	Mean Well	TKB20A-B	9-18V	+5V@2500mA; +12V@310mA; -12V@310mA	20.0W	1.2x2.0x0.82	6.3	8	↔	100	0.2	0.2	100k	1,000	-40 to +71	80	0.25	—	217656PC	44.95	40.49	36.45	32.79	
	217664PC	Mean Well	TKB20B-B	18-36V	+5V@2500mA; +12V@310mA; -12V@310mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217664PC	44.95	40.49	36.45	32.79	
	217672PC	Mean Well	TKB20B-C	18-36V	+5V@2500mA; +15V@250mA; -15V@250mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217672PC	44.95	40.49	36.45	32.79	
	217648PC	Mean Well	TKB20C-B	36-72V	+5V@2500mA; +12V@310mA; -12V@310mA	20.0W	1.2x2.0x0.82	6.3	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	—	217648PC	44.95	40.49	36.45	32.79	

Limited Supply – Special Offers – 90-Day Warranty

Open Frame	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in ²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Certification	Jameco Number	Price				Frame Open
					Voltage@Current	Power															1	10	25	100	
	109276PC	Astec	AA9090A	0-20V	+5.1V@3750mA; +12.6V@100mA; -26V@40mA	21.0W	3.6x1.6x0.8	4.6	27	↔	50/100/200	2.0	5.0	40k	—	0 to +50	70	—	—	109276PC	\$6.95	\$5.95	\$4.75	\$3.55	





New Lower Prices
Marked in Red

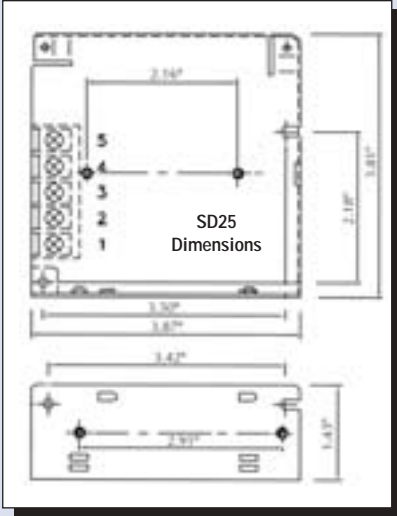
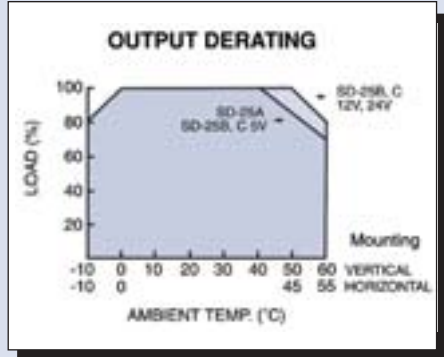
25-Watt Enclosed
SD25 Series: Single Output

- 1000VDC isolation
- Input filter: PI-network
- Protection: short-circuit, overload and over-voltage
- Free-air convection cooling
- 2:1 wide input range
- Industry standard package
- Shielded metal case
- 105°C output capacitor
- 100% burn-in test
- One-year warranty
- Very high MTBF
- Working temperature: -10° to +60°C (see derating curve)
- Mounting hardware use P/Ns 222121PC, 222164PC, 222156PC & 222172PC see www.Jameco.com for specifications



PERFORMANCE
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PRICES

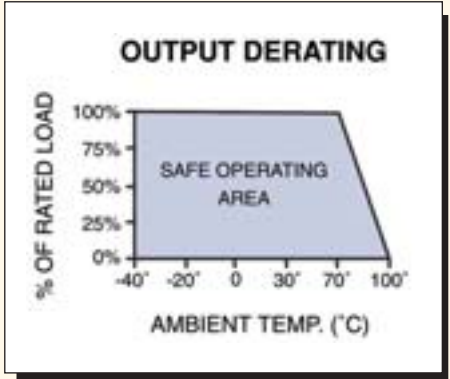
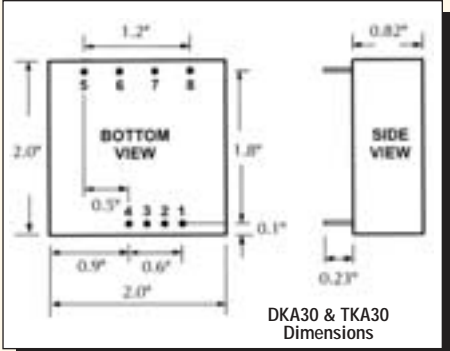
Highlighted below in blue and well known for its reliability and low cost, the Mean Well SD-25 family of enclosed DC-to-DC converters offers wide 2:1 input voltage ranges. The physical ruggedness is complemented by the many electrical protections; short-circuit, overload with auto-recovery, and over-voltage to 165% of rated output. The input-to-output isolation is 500VDC and the isolation resistance is 100MΩ at 500VDC. The highly-efficient, low-temperature design provides full power from 0°C to 40°C, with derating to -10°C and +60°C (see derating curve). The line and load regulation are both ±0.5% maximum. The Mean Well SD-25 series complies with EMC standards EN55022 class B and EN61000-4-2/3/4/6/8.



30-Watt Encapsulated
DKA30 & TKA30 Series: Dual & Triple Output

- ±0.2% regulation
- 1000VDC isolation
- Input filter: PI-network
- Protection: short-circuit & overload
- Free-air convection cooling
- 2:1 wide input range
- Industry standard package
- Shielded metal case
- Remote ON/OFF
- 100% burn-in test
- One-year warranty
- Very high MTBF
- Output trim
- Working temperature: -40° to +71°C

Detailed below in buff color, the Mean Well DKA30 & TKA30 families of regulated 30-watt DC-to-DC converters include popular dual and triple-output configurations packaged in six-sided, shielded metal cases. Line and load regulation are both an outstanding ±0.2%. Load regulation applies for a load change of 10% to full load for both dual and triple-outputs. The industry-standard package supports full power with free-air convection over the ambient temperature range of -40°C to 71°C. Performance features include a wide input voltage range of 2:1 and the use of a pi-network input filter for low noise operation. The input-to-output isolation is an impressive 1000VDC, with I/O isolation resistance of 1000MΩ. Short-circuit and over-voltage protection is included. For ease of use, the DKA30 & TKA30 units require no external components and provide both voltage trim and remote ON/OFF capability.



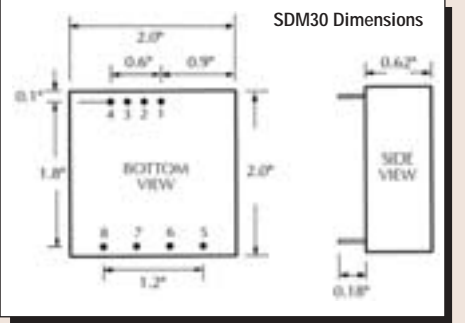
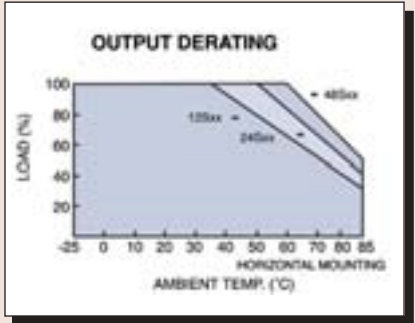
30-Watt Regulated Encapsulated
SDM30 Series: Single Output

- 1000VDC isolation
- Input filter: PI-network
- Protection: short-circuit, overload & over-voltage
- Free-air convection cooling
- Industry standard package
- 2:1 wide input range
- Shielded metal case
- Remote ON/OFF
- 100% burn-in test
- One-year warranty
- Very high MTBF
- Output trim
- Working temperature: -25° to +85°C

Shown below in tan, with efficiency as high as 85%, this impressive family of 30-watt encapsulated DC-to-DC converters provides full power output with free-air convection cooling. The compact size of 2.0"x2.0"x0.63" and the 6-sided shielded metal case lend to its easy adaptability to numerous types of applications. Input voltage ranges are a full 2:1. The line and load regulation are both a solid ±1%. Protection includes short-circuit, overload to 105% with auto-recovery, and over-voltage to 150% of rated output. The isolation voltage is 1000VDC and the resistance is 100MΩ at 500VDC. The SDM30 series features ±10% trimming output and remote ON/OFF control. They completely comply with EN55022 class B, FCC part 15J and EN60950 safety and EMI requirements.



PERFORMANCE
AT VALUE
PRICES



	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Jameco Number	Price				
					Voltage@Current	Power														1	10	25	100	
Enclosed	175661PC	Mean Well	SD-25A-5	9-18V	+5V@5000mA	25.0W	see diagram	1.2	5	↔	100	0.5	0.5	—	500	-10 to +60	71	0.80	175661PC	\$40.95	\$30.99	\$28.99	\$24.99	Enclosed
	175804PC	Mean Well	SD-25A-12	9-18V	+12V@2100mA	25.2W	see diagram	1.2	5		120	0.3	0.3	—	500	-10 to +60	72	0.80	175804PC	40.95	30.99	28.99	24.99	
	175812PC	Mean Well	SD-25A-24	9-18V	+24V@1100mA	26.4W	see diagram	1.2	5		150	0.2	0.2	—	500	-10 to +60	75	0.80	175812PC	40.95	30.99	28.99	24.99	
	212556PC	Mean Well	SD-25B-5	19-36V	+5V@5000mA	25.0W	see diagram	1.2	5		100	0.5	0.5	—	500	-10 to +60	72	0.80	212556PC	40.95	30.99	28.99	24.99	
	216629PC	Mean Well	SD-25C-5	36-72V	+5V@5000mA	25.0W	see diagram	1.2	5		100	0.5	0.5	—	500	-10 to +60	74	0.80	216629PC	40.95	30.99	28.99	24.99	
Encapsulated	217701PC	Mean Well	DKA30A-12	9-18V	+12V@1250mA; -12V@1250mA	30.0W	2.0x2.0x0.82	9.4	8	↔	100	0.2	0.2	100k	1,000	-40 to +71	80	0.25	217701PC	64.95	58.45	52.59	47.35	Encapsulated
	218544PC	Mean Well	DKA30B-12	18-36V	+12V@1250mA; -12V@1250mA	30.0W	2.0x2.0x0.82	9.4	8		100	0.2	0.2	100k	1,000	-40 to +71	85	0.25	218544PC	64.95	58.45	52.59	47.35	
	217699PC	Mean Well	DKA30C-12	36-72V	+12V@1250mA; -12V@1250mA	30.0W	2.0x2.0x0.82	9.4	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	217699PC	64.95	58.45	52.59	47.35	
	217736PC	Mean Well	TKA30A-B	9-18V	+5V@3500mA; +12V@310mA; -12V@310mA	25.0W	2.0x2.0x0.82	7.8	8		100	0.2	0.2	100k	1,000	-40 to +71	80	0.25	217736PC	69.65	62.65	56.39	50.75	
	217728PC	Mean Well	TKA30B-C	18-36V	+5V@3500mA; +15V@250mA; -15V@250mA	25.0W	2.0x2.0x0.82	7.8	8		100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	217728PC	69.65	62.65	56.39	50.75	
	217681PC	Mean Well	TKA30C-B	36-72V	+5V@3500mA; +12V@310mA; -12V@310mA	25.0W	2.0x2.0x0.82	7.8	8	↔	100	0.2	0.2	100k	1,000	-40 to +71	82	0.25	217681PC	69.65	62.65	56.39	50.75	
	217200PC	Mean Well	SDM30-12S05	9-18V	+5V@5000mA	25.0W	2.0x1.8x0.62	10.4	8		75	1.0	1.0	—	1,000	-25 to +85	77	0.22	217200PC	45.95	41.35	37.25	33.55	
	217234PC	Mean Well	SDM30-12S12	9-18V	+12V@2100mA	25.2W	2.0x1.8x0.62	10.5	8		100	1.0	1.0	—	1,000	-25 to +85	80	0.22	217234PC	45.95	41.35	37.25	33.55	
	217189PC	Mean Well	SDM30-12S15	9-18V	+15V@1700mA	25.5W	2.0x1.8x0.62	10.5	8		100	1.0	1.0	—	1,000	-25 to +85	80	0.22	217189PC	45.95	41.35	37.25	33.55	
	217218PC	Mean Well	SDM30-24S05	18-36V	+5V@5000mA	25.0W	2.0x1.8x0.62	10.4	8		75	1.0	1.0	—	1,000	-25 to +85	79	0.22	217218PC	45.95	41.35	37.25	33.55	
	217242PC	Mean Well	SDM30-24S12	18-36V	+12V@2500mA	30.0W	2.0x1.8x0.62	12.5	8	↔	100	1.0	1.0	—	1,000	-25 to +85	82	0.22	217242PC	45.95	41.35	37.25	33.55	
	217171PC	Mean Well	SDM30-24S15	18-36V	+15V@2000mA	30.0W	2.0x1.8x0.62	12.5	8		100	1.0	1.0	—	1,000	-25 to +85	83	0.22	217171PC	45.95	41.35	37.25	33.55	
	217226PC	Mean Well	SDM30-48S05	36-72V	+5V@5000mA	25.0W	2.0x1.8x0.62	10.4	8		75	1.0	1.0	—	1,000	-25 to +85	80	0.22	217226PC	45.95	41.35	37.25	33.55	
	217251PC	Mean Well	SDM30-48S12	36-72V	+12V@2500mA	30.0W	2.0x1.8x0.62	12.5	8		100	1.0	1.0	—	1,000	-25 to +85	84	0.22	217251PC	45.95	41.35	37.25	33.55	
	217197PC	Mean Well	SDM30-48S15	36-72V	+15V@2000mA	30.0W	2.0x1.8x0.62	12.5	8		100	1.0	1.0	—	1,000	-25 to +85	85	0.22	217197PC	45.95	41.35	37.25	33.55	

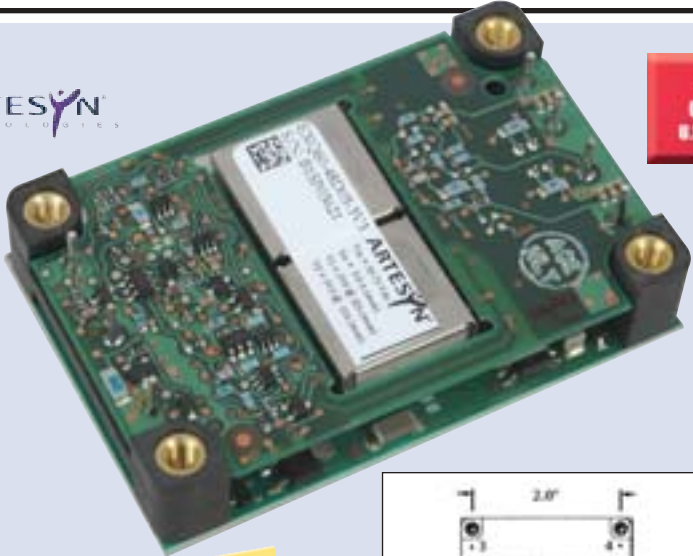
Other Versions
Available: Call
800-831-4242



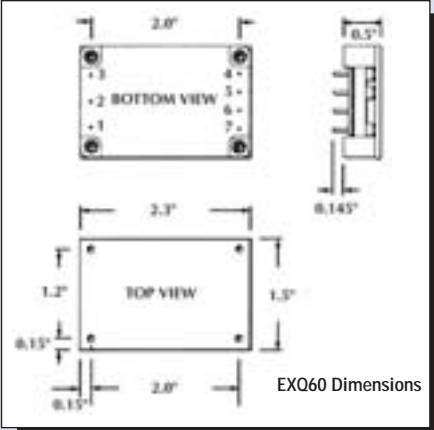
60-Watt Open Frame
EXQ60 Series Dual Outputs

- 1500VDC isolation
- Industry standard footprint
- Protection: short-circuit, over-current & over-voltage
- 100% burn-in test
- Two-year warranty
- Very high MTBF
- Remote ON/OFF
- No minimum load
- 91% efficiency at 5V & 3.3V
- Output trim
- Planar magnetics technology
- Working temperature: -40 to +100°C

Detailed below in blue, the EXQ60 is a new dual-output, high-efficiency, open-frame, isolated 60-watt DC-to-DC converter series in an industry-standard quarter-brick footprint. The EXQ60 delivers very high output current at low voltages, and excellent useable power density for today's high-end applications. The models offered feature an input voltage range of 33 to 75VDC and are available in output voltages of 2.5V/3.3V and 3.3V/5V. The output voltage on each model is adjustable from 90% to 110% of the nominal value. Typical efficiencies for the models are 90% for the 2.5V/3.3V and 91% for the 3.3V/5V versions. The EXQ60 Series also has a remote ON/OFF capability. Over-current and over-voltage protection features are included as standard. With full international safety approval including EN60950 and UL1950, the EXQ60 reduces compliance cost and time to market.



TOP QUALITY U.S. BRAND



EXQ60 Dimensions

PLANAR MAGNETICS: Planar magnetics use high volume manufacturing processes and technologies to replace conventional wire windings in magnetic components with patterned conductors formed on single or multilayer substrates. Planar magnetics offer tremendous advantages in terms of cost, reliability, manufacturability and predictable electrical parameters.

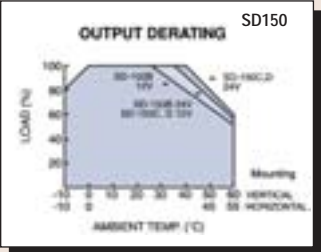
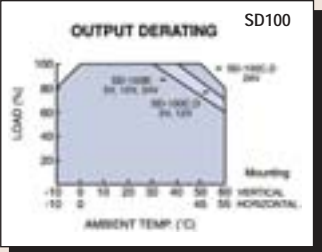
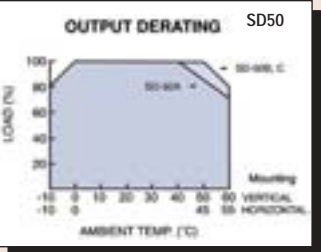
UNDERSTANDING CONVERTERS #4


50, 100 & 150-Watt Enclosed

SD50, SD100 & SD150 Series: Single Output

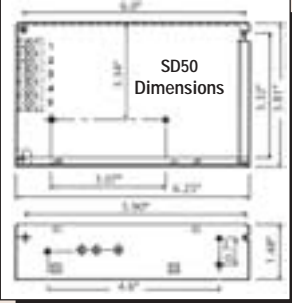
- 1000VDC isolation
- Protection: short-circuit, overload & over-voltage
- 100% burn-in test
- Very high MTBF
- Free-air convection cooling
- 2:1 wide input range
- Working temperature: -10° to +60°C (see derating curve)
- Mounting hardware: use P/Ns 222156PC & 222172PC; see www.Jameco.com for specifications
- Input filter: Pi-network
- One-year warranty
- Shielded metal case
- Industry standard package
- 105°C output capacitor

Highlighted below in tan, the Mean Well SD families of enclosed DC-to-DC converters are known for their reliability and low cost. The physical ruggedness is complemented by the many electrical protections; short-circuit, overload with auto-recovery, and over-voltage to 165% of rated output. These converters offer wide 2:1 input voltage ranges of 9-18VDC and 36-72VDC. The input-to-output isolation is 500VDC and the isolation resistance is 100MΩ at 500VDC. The highly-efficient, low-temperature design provides full power from 0°C to 40°C, with derating to -10°C and +60°C (see derating curve). The line and load regulation are both ±0.5% maximum. The Mean Well SD series complies with EMC standards EN55022 class B and EN61000-4-2/3/4/6/8.

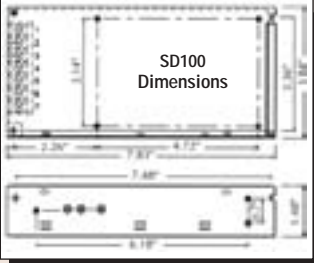




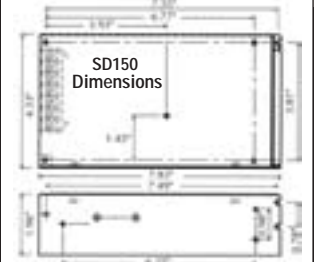
PERFORMANCE AT VALUE PRICES



SD50 Dimensions



SD100 Dimensions



SD150 Dimensions

	Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Certification	Jameco Number	Price					
					Voltage@Current	Power															1	10	25	100		
Open Frame	218894PC	Artesyn	EXQ60-48D3V3-2V5-R	33-75V	+2.5V@16A; +3.3V@12A	40.0W	2.3x1.5x0.5	46.4	7		60	—	—	325k	1,500	-40 to +100	90.5	0.10	UL/CUL/TUV	218894PC	\$134.95	\$115.35	\$108.59	\$103.59	Open Frame	
	218907PC	Artesyn	EXQ60-48D05-3V3-R	33-75V	+3.3V@15A; +5V@12A	60.0W	2.3x1.5x0.5	63.8	7		60	—	—	400k	1,500	-40 to +100	91.5	0.10	UL/CUL/TUV	218907PC	134.95	115.35	108.59	103.59		
Enclosed	212548PC	Mean Well	SD-50A-5	9-18V	+5V@10A	50.0W	see diagram	1.4	5	↔	100	0.5	0.5	—	1,500	-10 to +60	70	1.10	—	212548PC	\$51.95	51.95	39.99	36.99	32.99	Enclosed
	212521PC	Mean Well	SD-50B-5	19-36V	+5V@10A	50.0W	see diagram	1.4	5		100	0.5	0.5	—	1,500	-10 to +60	73	1.10	—	212521PC	\$51.95	51.95	39.99	36.99	32.99	
	212530PC	Mean Well	SD-50B-12	19-36V	+12V@4.2A	50.4W	see diagram	1.4	5		120	0.3	0.3	—	1,500	-10 to +60	75	1.10	—	212530PC	\$51.95	51.95	39.99	36.99	32.99	
	212513PC	Mean Well	SD-50B-24	19-36V	+24V@2.1A	50.4W	see diagram	1.4	5		150	0.2	0.2	—	1,500	-10 to +60	80	1.10	—	212513PC	\$51.95	51.95	39.99	36.99	32.99	
	216602PC	Mean Well	SD-50C-5	36-72V	+5V@10A	50.0W	see diagram	1.4	5	↔	100	0.5	0.5	—	1,500	-10 to +60	76	1.10	—	216602PC	\$51.95	51.95	39.99	36.99	32.99	
	212505PC	Mean Well	SD-50C-12	36-72V	+12V@4.2A	50.4W	see diagram	1.4	5		120	0.3	0.3	—	1,500	-10 to +60	78	1.10	—	212505PC	\$51.95	51.95	39.99	36.99	32.99	
	212492PC	Mean Well	SD-50C-24	36-72V	+24V@2.1A	50.4W	see diagram	1.4	5		150	0.2	0.2	—	1,500	-10 to +60	83	1.10	—	212492PC	\$52.45	47.95	43.19	38.85	34.99	
	212476PC	Mean Well	SD-100B-5	19-36V	+5V@20A	100.0W	see diagram	2.3	7		100	0.5	0.5	—	1,500	-10 to +60	74	1.30	—	212476PC	\$64.95	64.95	58.49	52.65	47.35	
	216565PC	Mean Well	SD-100B-12	19-36V	+12V@8.5A	102.0W	see diagram	2.3	7		120	0.3	0.3	—	1,500	-10 to +60	75	1.30	—	216565PC	\$72.95	72.95	53.99	50.99	44.99	
	212484PC	Mean Well	SD-100C-5	36-72V	+5V@20A	100.0W	see diagram	2.3	7		100	0.5	0.5	—	1,500	-10 to +60	75	1.30	—	212484PC	\$64.95	64.95	58.49	52.65	47.35	
	212468PC	Mean Well	SD-100C-12	36-72V	+12V@8.5A	102.0W	see diagram	2.3	7		120	0.3	0.3	—	1,500	-10 to +60	77	1.30	—	212468PC	\$72.95	72.95	53.99	50.99	44.99	
	217269PC	Mean Well	SD-150B-12	19-36V	+12V@12.5A	150.0W	see diagram	2.5	7		120	0.5	0.5	—	1,500	-10 to +60	75	1.90	—	217269PC	\$82.95	82.95	70.99	65.99	57.99	
Other Versions Available: Call 800-831-4242																										

Limited Supply – Special Offers – 90-Day Warranty										Limited Supply – Special Offers – 90-Day Warranty																
Jameco Number	Manufacturer	Manufacturer Product Number	Input Range	Output		Size Inches (LxWxH)	Power Density (W/in²)	Pins		Ripple & Noise (mV p-p)	Line Reg. (±%)	Load Reg. (±%)	Switching Frequency (Hz)	Isolation Voltage	Temperature °C	Efficiency (%)	Weight (lbs.)	Certification	Jameco Number	Price						
				Voltage@Current	Power															1	10	25	100			
Encapsulated	206105PC	Shindengen	HGE05024	20-32V	+5V@24A	120.0W	4.5x2.3x0.5	23.2	13	↔	400	0.01	0.05	—	—	-10 to +80	80	—	—	206105PC	\$24.95	\$24.95	\$22.49	\$20.25	\$18.19	Encapsulated
	203561PC	Power One	HBD0602GE-A1V1	34-75V	+3.3V@15A; +5V@12A	60.0W	2.3x2.4x0.5	21.7	10		75/100	0.2	0.5	500k	1,500	-40 to +100	79	0.15	UL/CUL/VDE	203561PC	\$14.95	\$14.95	\$13.49	\$12.15	\$10.95	
	206113PC	Datel	BCP-5/15-3.3/15-D48	36-75V	+3.3V@15A; +5V@15A	75.0W	2.3x2.4x0.5	27.2	10		50	0.2	0.5	350k	1,500	-40 to +45	88	0.26	UL/VDE	206113PC	\$19.95	\$19.95	\$17.99	\$16.19	\$14.55	
	206041PC	Power Cube	PD150-048-05-PC	36-76V	+5V@30A	150.0W	2.3x2.4x0.5	54.3	9	50	0.05	0.05	375k	3,000	—	80	0.16	UL/CUL/VDE	206041PC	\$24.95	\$24.95	\$22.49	\$20.25	\$18.19		
	206033PC	Power Cube	PD300-300-15-PC	200-300V	+15V@20A	300.0W	4.6x2.4x0.5	54.3	11	150	0.05	0.05	375k	3,000	—	80	0.37	UL/CUL/VDE	206033PC	\$39.95	\$39.95	\$35.99	\$32.39	\$29.15		
	206121PC	Lambda	PH300F-280-3	200-400V	+3V@60A	180.0W	5.8x3.4x0.5	18.3	12	100	0.4	0.8	3k	3,000	-20 to +85	73	0.56	UL/CSA/CE	206121PC	\$27.95	\$27.95	\$25.19	\$22.65	\$20.39		

DIN-Rail Switching Power Supplies



- Low cost, high reliability
- International AC input range
- Soft-start circuit, limiting AC surge current
- Short-circuit, overload, over-voltage protected
- Built in EMI filter, low ripple noise
- 100% full-load burn-in test
- For DIN-Rail terminal blocks see www.Jameco.com

UL-508



192698PC



212273PC



212290PC



221891PC



Part No.	Product No.	Power (W)	Output Volts@Current	Input Voltage (VAC @ Hz/VDC)	Input Current @ Maximum Load	Size (L" x W" x H")	Wt. (lbs.)	1	10	50
212302PC	DR4505	25	5VDC @ 5A	85-264 @ 47-63/120-370	1.5A(115V)/750mA(230V)	3.0 x 2.6 x 3.6	0.9	\$45.95	\$31.99	\$29.99
192698PC	DR4512	42	12VDC @ 3.5A	85-264 @ 47-63/120-370	1.5A(115V)/750mA(230V)	3.0 x 2.6 x 3.6	0.7	58.95	45.95	31.99
221874PC	DR4515	42	15VDC @ 2.8A	85-264 @ 47-63/120-370	1.5A(115V)/750mA(230V)	3.0 x 2.6 x 3.6	0.9	45.95	31.99	29.99
192680PC	DR4524	48	24VDC @ 2A	85-264 @ 47-63/120-370	1.5A(115V)/750mA(230V)	3.0 x 2.6 x 3.6	0.7	58.95	45.95	31.99
212290PC	DR7512	75	12VDC @ 6.3A	85-264 @ 47-63/120-370	2.0A(115V)/1.2A(230V)	3.9 x 2.1 x 4.9	1.2	73.95	50.99	46.99
212281PC	DR7524	75	24VDC @ 3.2A	85-264 @ 47-63/120-370	2.0A(115V)/1.2A(230V)	3.9 x 2.1 x 4.9	1.2	73.95	50.99	46.99
221866PC	DR7548	76.8	48VDC @ 1.6A	85-264 @ 47-63/120-370	2.0A(115V)/1.2A(230V)	3.9 x 2.1 x 4.9	1.2	73.95	50.99	46.99
212273PC	DR12012	120	12VDC @ 10A	88-132/176-264* @ 47-63	2.8A(115V)/1.7A(230V)	2.6 x 3.9 x 4.9	1.4	85.95	58.99	54.99
212265PC	DR12024	120	24VDC @ 5A	88-132/176-264* @ 47-63	2.8A(115V)/1.7A(230V)	2.6 x 3.9 x 4.9	1.4	85.95	58.99	54.99
221903PC	DR12048	120	48VDC @ 2.5A	88-132/176-264* @ 47-63	2.8A(115V)/1.7A(230V)	2.6 x 3.9 x 4.9	1.4	85.95	58.99	54.99
221891PC	DRP24024	240	24VDC @ 10A	85-264 @ 47-63/120-370	3.5A(115V)/1.8A(230V)	3.9 x 4.9 x 4.9	2.4	156.95	101.99	94.99
221882PC	DRP24048	240	48VDC @ 5.0A	85-264 @ 47-63/120-370	3.5A(115V)/1.8A(230V)	3.9 x 4.9 x 4.9	2.4	156.95	101.99	94.99

*switch selectable

Din Mounting Rail

DIN rail enables easy installation of components such as fuseable terminal blocks & power supplies configured for DIN mounting.

- Sold in 1 meter (39") length

Additional Mounting Rails see www.Jameco.com

185965PC



Part No.	Product No.	Description	Material	Type	Length	1	10	100
185965PC	017322005	Prepunched	Zinc bichromate plate steel	PR30	1 meter (39")	\$5.95	\$5.35	\$4.79

13.8VDC Precision Regulated Linear Power Supplies

- Output voltage: 13.8VDC
- Input voltage: 115VAC @ 60Hz
- Illuminated rocker switch
- Heavy duty 5'8" 3-prong power cord
- Short-circuit protection • Fuse protected
- Output terminals: for mating cigarette plugs and mating banana terminal plugs see www.Jameco.com

135845PC
Banana & Cigarette



136581PC
Banana terminal



138667PC
Banana terminal (rear)



Part No.	Model No.	Power (W)	Output Current (A)	Output Terminals	Size (L" x W" x H")	Wt. (lbs.)	1	10	25
135845PC	RPS1204	55.2	4	Banana terminals / cigarette plug	6.7 x 5.2 x 3.2	5.5	\$29.95	\$26.95	\$23.95
136581PC	RPS1207	96.6	7	Banana terminals	8.7 x 5.7 x 3.6	8.5	59.95	53.95	48.95
138667PC	38-381	138.0	10	Banana terminals (rear)	7.0 x 6.6 x 4.3	10.0	69.95	62.95	56.95
138675PC	52-192012	276.0	20	Banana terminals	10.0 x 7.8 x 4.4	15.9	109.95	99.95	89.95

† P/N 136581PC includes overheating protection



Linear Power Supplies

- Input voltage: 100/120/220/240VAC @ 47-63Hz
- Input connector: 0.119" solder terminals
- Output connector: solder post
- MTBF rating: greater than 300,000 hours
- Ripple and noise: 5.0mVp-p • Efficiency: 45%
- Over-voltage, over-current, short-circuit protection, remote sensing and 100% burn-in
- 202884PC: Output voltage: +5VDC @ 1.5A; -5VDC @ 1.5A
- 202892PC: Output voltage: +5VDC @ 3.0A; -5VDC @ 3.0A

SALE



Part No.	Product No.	Power	Size (L x W x H)	Weight (lbs.)	1	10	50
202884PC	HAA5-1.5/0VP-A	15W	6.5" x 4.0" x 1.6"	2.6	\$9.19	\$8.39	\$7.65
202892PC	HBB5-3/0VP-A	30W	7.0" x 4.9" x 2.5"	4.7	17.95	15.29	11.45

ACDC Electronics 45-Watt Linear Power Supply

- Output voltage: 15V @ 3A
- Input voltage: 115VAC @ 50-60Hz
- Input connector: 0.173" solder terminals
- Output connector: solder studs
- Size: 5.6"L x 5.0"W x 3.0"H • Weight: 4.0 lbs.



Part No.	Product No.	1	10	25
214615PC	ECV15N3	\$34.95	\$31.49	\$28.35

Current Sensing Transformers

Class 1 Current Transformer

This series can be applied to test, control, display, and record the running of electrical equipment, and to protect the equipment against damage in the AC circuit.

- Maximum voltage: 660VAC
- Size: 3.0"L x 3.2"W x 1.6" thick
- Frequency: 50-60Hz
- Weight: 1.1 lbs.

Includes: Mounting bracket and hardware



Part No.	Mfr. Cross Ref. No.	Power	Ratio	1	10	100
174887PC	MSQ30	5VA	200A/5A; 5VA	\$4.25	\$3.82	\$3.44

Current Sensing Transformer

- Inductance: 5mH • Turns: 60
- Sensitivity current (I_{in}): 1A
- Max. current: 300mA
- Freq. range: 10-50 kHz
- Sensitivity voltage (V_{out}): 1V
- Terminating resistor: 50Ω
- Size: 0.8"H x 0.7"W x 0.4"T



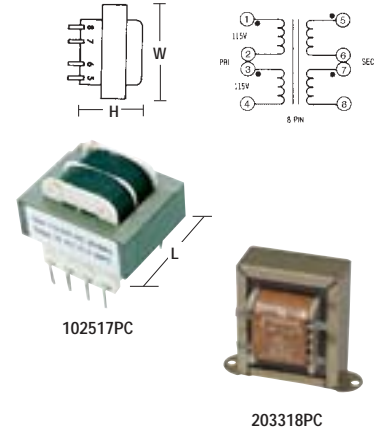
Part No.	Mfr. Cross Ref. No.	1	10	100
164718PC	MTC30101	\$2.15	\$1.95	\$1.75

Split-Bobbin Power Transformers

Non-concentrically wound with primaries and secondaries side-by-side providing low capacitive coupling.

- Primary: 115/230VAC, 50-60Hz
- PC terminal pin spacing for accurate placement

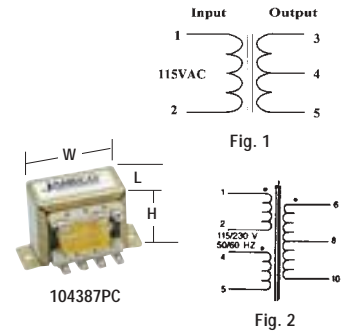
Part Number	Mfr. Cross Ref. No.	Triad Cross	Input Voltage	VA Cap	Individual Output	Parallel Output	Series Output	Dimensions			Wt. (lbs.)	Pricing		
								L"	W"	H"		1	10	100
221292PC	DSW-312	FS12200	115/230	2.5	6.3V @ .20A	6.3V @ .40A	12.6VCT @ .20A	1.38	1.13	1.19	0.3	\$5.95	\$4.95	\$4.25
102533PC	XFR1205SB	FS12500	115/230	6.3	6.3V @ .50A	6.3V @ 1.0A	12.6VCT @ .50A	1.31	1.62	1.30	0.4	7.29	6.49	5.75
102517PC	XFR1602SB	FS16150	115/230	2.4	8V @ .15A	8V @ .30A	16VCT @ .15A	1.17	1.38	1.20	0.3	6.95	6.25	5.59
221284PC	DSW-316	FS16150	115/230	2.5	8V @ .15A	8V @ .30A	16VCT @ .15A	1.38	1.13	1.19	0.3	5.95	4.95	4.25
210921PC	14A-10-ZOB21	—	115/230	10.0	10V @ .05A	10V @ 1.0A	20VCT @ 0.5A	1.88	1.56	1.38	0.5	7.49	6.75	6.09
210948PC	DPC20-60B13	—	115/230	1.2	10V @ .06A	10V @ .12A	20VCT @ .06A	1.63	1.25	1.38	0.2	5.79	5.19	4.69
210956PC	DST2-24-845	—	115/230	1.1	12V @ .045A	12V @ .09A	24VCT @ .045A	1.13	1.13	0.94	0.2	6.49	5.85	5.25
221305PC	DSW-324	FS24100	115/230	2.5	12V @ .10A	12V @ .20A	24VCT @ .10A	1.38	1.13	1.19	0.3	5.95	4.95	4.25
176090PC	SPT41240-120	FS24250	115/230	6.0	12V @ .25A	12V @ .50A	24VCT @ .25A	1.33	1.63	1.59	0.5	6.95	6.25	5.59
102592PC	XFR2405SB	FS24500	115/230	12.0	12V @ .50A	12V @ 1.0A	24VCT @ .50A	1.58	1.90	1.46	0.7	8.79	7.95	5.49
210930PC	PC34-35-B21	—	115	1.2	17V @ .035A	17V @ .07A	34VCT @ .035A	1.38	1.13	1.19	0.2	6.79	6.09	5.49
210964PC	LP40-300-B14	—	115/230	12.0	20V @ .30A	20V @ 0.6A	40VCT @ 0.3A	2.50	2.00	1.07	0.7	9.95	8.95	7.95
209015PC	ST-6-48	—	115	19.2	24V @ .40A	24V @ .80A	48VCT @ .40A	1.88	2.25	1.40	0.8	8.95	8.09	7.25
203318PC	P8616	—	115/230	24.0	24V @ .50A	24V @ 1.0A	48VCT @ .50A	1.96	2.25	2.70	1.5	6.95	6.25	5.59



Quick-Connect Power Transformers

- Quick-connect transformers are bobbin wound for smaller size and reduced electrostatic shielding requirements
- Terminals: quick connect, solder
- Input voltage: 115/230VAC, 50-60Hz

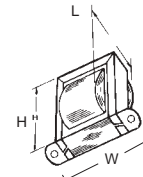
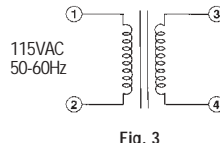
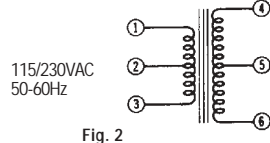
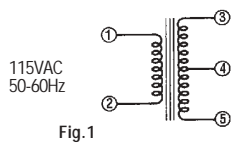
Part Number	Mfr. Cross Ref. No.	Triad Cross	Fig.	Input Voltage	Output Voltage	VA Cap	Size of Connect	Dimensions			Wt. (lbs.)	Pricing		
								L"	W"	H"		1	10	100
164110PC	241-3-10	F310	1	115VAC	10VCT @ 0.25A	2.4	0.187"	.59	1.45	2.00	0.2	\$4.95	\$4.39	\$3.69
104387PC	XFR1225Q	FD612	2	115/230VAC	12.6VCT @ 2.5A	31.5	0.187"	1.75	2.33	2.00	1.3	11.95	10.79	9.69
104408PC	XFR1635Q	FD716	2	115/230VAC	16VCT @ 3.5A	56.0	0.187"	2.00	2.70	2.30	1.8	12.95	11.69	10.49
101864PC	XFR2424Q	FD724	2	115/230VAC	24VCT @ 2.4A	57.6	0.187"	1.87	2.70	2.25	1.7	11.95	10.79	9.69
221364PC	P-8663	F193U	1	117VAC	24VCT @ 4A	96.0	0.187"	2.81	3.13	3.81	4.0	18.95	17.85	14.95
221410PC	P-8666	F226U	1	117VAC	24VCT @ 12A	288.0	0.187"	4.63	3.75	4.63	11.2	41.95	39.15	29.85
104416PC	XFR3615Q	FD736	2	115/230VAC	36VCT @ 1.5A	54.0	0.187"	1.90	2.70	2.30	1.8	9.95	8.99	8.09



115VAC and 115/230VAC Power Transformers

Power transformers have both single and dual-voltage input and center-tapped outputs. This makes them the perfect choice for power supply design or for use in transformer, rectifier, and filter circuits.

- Primary: 115VAC or 115/230VAC, 50-60Hz



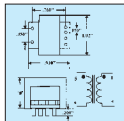
Part Number	Mfr. Cross Ref. No.	Triad Cross	Primary			VA Cap	Secondary			Lead Type	Fig.	Dimensions			Wt. (lbs.)	Pricing			
			Color Code				Voltage	Color Code				L"	W"	H"		1	10	100	
102162PC	XFR6102	F314X	Black	Yellow*	Red	7.6	6.3VCT @ 1.2A	White	Black*	White	Wire	2	1.56	1.96	1.67	0.8	\$8.49	\$7.65	\$6.89
105523PC	XFR0910	—	Black	White*	Red	9.0	9VCT @ 1A	Blue	Black*	Blue	Wire	2	1.79	1.96	1.66	0.7	6.95	6.25	5.59
221401PC	P-8391	F216X	Black	—	Black	4.2	12VAC @ 0.35A	White	—	White	Wire	3	1.38	2.38	1.38	0.4	5.95	5.59	4.69
221399PC	P-8657	F218X	Black	—	Black	24.0	12VAC @ 2A	White	—	White	Wire	3	2.13	3.25	2.00	1.3	9.15	8.49	7.15
221356PC	P-8658	F219X	Black	—	Black	48.0	12VAC @ 4A	White	—	White	Wire	3	2.25	4.00	2.63	2.3	12.95	11.95	9.95
29225PC	XFR122	F44X	Yellow	—	Yellow	25.2	12.6VCT @ 2A	Blue	Red*	Black	Wire	1	2.12	2.33	1.96	1.5	9.95	8.99	8.09
102154PC	XFR1220	F344X	Black	Yellow*	Red	25.2	12.6VCT @ 2A	White	Black*	White	Wire	2	2.35	2.32	1.97	1.5	10.95	9.89	8.89
149770PC	XFR1240	F3181U	Black	Red*	Yellow	50.4	12.6VCT @ 4A	White	Black*	White	Wire	2	2.45	2.70	2.24	2.2	12.95	11.69	10.49
102120PC	XFR124	F181U	Black	—	Black	50.4	12.6VCT @ 4A	White	Black*	White	Wire	1	2.53	3.08	2.61	2.7	12.95	11.69	10.49
105531PC	XFR1810	—	Blue	Red*	Black	18.0	18VCT @ 1A	Yellow	Black*	Yellow	Wire	2	2.32	2.05	1.90	1.2	6.95	4.55	3.55
149956PC	XFR1820	—	Black	Red*	Yellow	36.0	18VCT @ 2A	White	Black*	White	Wire	2	2.26	2.66	2.28	1.8	8.95	7.95	6.95
221381PC	P8396	—	Black	—	Black	9.6	24VCT @ 0.4A	White	Black*	White	Wire	1	1.63	2.8	1.5	0.6	7.25	6.69	5.59
102111PC	XFR2410	F346X	Black	Yellow*	Red	24.0	24VCT @ 1A	White	Black*	White	Wire	2	2.22	2.33	1.97	1.5	8.95	8.09	7.25
221372PC	P-8662	F192X	Black	—	Black	48.0	24VCT @ 2A	White	Black*	White	Wire	1	2.38	4.00	2.62	2.3	11.95	10.95	9.19
112512PC	XFR242N	F229X	Black	—	Black	48.0	24VAC @ 2A	White	—	White	Wire	3	1.75	2.75	2.25	1.8	9.79	8.85	7.95
99653PC	XFR242	—	Red	—	Red	49.2	24.6VCT @ 2A	Blue	Yellow*	Blue	Wire	1	2.44	2.70	2.30	2.5	10.95	9.89	8.89
102103PC	XFR2520	F341X	Black	White*	Red	50.4	25.2VCT @ 2A	Orange	Black*	Orange	Wire	2	2.45	2.67	2.26	2.8	14.95	13.49	12.15
149796PC	XFR2820	F3185U	Black	Red*	Yellow	56.0	28VCT @ 2A	White	Black*	White	Wire	2	2.45	2.70	2.24	2.3	12.95	11.69	8.59

* Center tap

Voice/Data Coupling Transformer

- Pri./Sec. impedance: 600Ω
- Turns ratio: ±2%
- Resistance (Pri./Sec.): 63Ω/88Ω
- Frequency response: 300-3500Hz (±0.5dB)

PREM

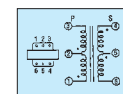


Part No.	Product No.	1	10	100
164128PC	SPT115	\$1.29	\$1.19	\$1.05

Modem Coupling Transformers

- Insulation resistance: 100MΩ
- Vacuum wax impregnated
- ±20% impedance matching
- ±20% DC resistance matching
- Core type: EI-14
- Hipot tested: 1000VAC

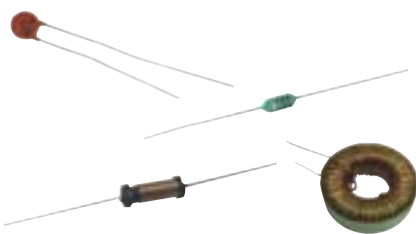
125356PC



125356PC

Part No.	Mfr. Cross Reference No.	Impedance (Ω)		Resistance (Ω)		Pricing		
		Primary	Secondary	Primary	Secondary	1	10	100
125356PC	XFR6006A14	600CT	600CT	65	55	\$1.29	\$1.18	\$1.08
205962PC	60-282-0	1.2KCT	8	45	1.5	1.69	1.49	1.39

For Inductors, Chokes and Thermistors see www.Jameco.com



Modem Coupling Transformers

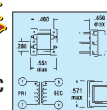
- Dielectric strength: 1250VAC



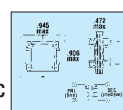
141621PC



141621PC



117760PC



Part Number	Mfr. Cross Ref. No.	Impedance (Ω)		Resistance (Ω)		Insertion Loss	Pricing		
		Primary	Secondary	Primary	Secondary		1	10	100
141621PC	671-8255	600	600	46.5	67.6	1.25dB @ 1kHz	\$1.95	\$1.79	\$1.35
199540PC	671-8079	600	301	150	150	3.00dB @ 1kHz	1.65	1.49	1.35
117760PC	671-8014	600	600	108	120	2.50dB @ 1kHz	2.15	1.95	1.75
206391PC	TTC-105	600	600	71	117	2.50dB max. @ 800Hz to 3.5kHz	2.95	2.59	1.95

See www.Jameco.com for Current Sensing Transformers, Power Transformers and Variable Transformers

International Step-Up/Step-Down Auto and Isolation Transformers

- Wide selection to meet your power requirements



Fig. 1



Fig. 2



Fig. A Plug



Fig. B Plug

Output Receptacle



Part Number	Mfr. Cross Ref. No.*	Fig.	Type	Primary Voltage	Secondary Voltage	Power (VA)	Dimensions			Weight (lbs.)	Pricing		
							H"	W"	D"		1	10	100
99573PC	AC110V50	1/A	auto	220VAC	110VAC	50	2.50	1.63	1.33	0.7	\$9.95	\$8.99	\$8.09
85016PC	AC110V300	2/A	auto	220VAC	110VAC	300	3.50	3.05	3.95	4.8	27.95	24.95	22.49
111851PC	AC110V500	2/A	auto	220VAC	110VAC	500	3.99	3.60	4.84	8.5	34.95	31.49	28.95
221250PC	GSD-1000	2/A	auto	220VAC	110VAC	1000	4.63	3.81	6.06	17.0	83.95	74.95	60.89
142906PC	AC110V1500	2/A	auto	220VAC	110VAC	1500	5.25	4.50	5.75	15.2	79.95	71.95	64.95
99477PC	AC220V50	1/B	auto	110VAC	220VAC	50	2.50	1.63	1.33	0.7	8.95	8.09	7.25
221233PC	P8638	2/B	auto	110VAC	220VAC	125	3.13	2.50	3.00	3.0	28.95	26.55	22.35
85008PC	AC220V300	2/B	auto	110VAC	220VAC	300	3.50	3.05	3.95	4.8	27.95	24.95	22.49
221217PC	P8689	2/B	auto	110VAC	220VAC	1000	4.63	3.75	6.13	17.0	61.95	57.55	43.85
221313PC	G1SD-500	2/A	isolation	220VAC	110VAC	500	4.69	3.75	6.00	16.0	78.95	69.95	57.49
222092PC	G1SD-1000	2/A	isolation	220VAC	110VAC	1000	5.38	4.38	8.13	31.0	149.95	121.95	112.79
221348PC	G1S-250	2/B	isolation	110VAC	110VAC	250	4.69	3.75	4.38	9.0	68.95	63.49	49.65
221330PC	G1S-500	2/B	isolation	110VAC	110VAC	500	4.69	3.75	6.00	16.0	78.95	69.95	57.49
221321PC	G1S-1000	2/B	isolation	110VAC	110VAC	1000	5.38	4.38	8.13	31.0	149.95	121.95	112.79

* Manufacturer may vary

International Power Cords

- 3-conductor detachable power cords
- Excellent resistance to jacket abrasion

- Voltage rating: 300 volts
- BSI: British Standard Institution



Cord Configuration Chart - End 1



A

Cord Configuration Chart - End 2



117911PC (Fig. 1)



174633PC (Fig. 2)

Part Number	Mfr. Cross Reference No.*	Country	Agency Approvals	Cord Plug Fig.		Length	Cord Color	Conductors	Cord Type	Pricing			
				End 1	End 2					1	10	100	250
117911PC	PCVDE-6B	Europe	All in Fig. 3	A	1	6 ft.	Black	3/75mm ²	H05VVH	\$5.49	\$4.95	\$4.45	\$4.05
174633PC	21071H5182	UK/Ireland	BSI	A	2	8 ft.	Black	3/1.0mm ²	H05VVF	6.95	6.29	5.05	3.79

* Manufacturer may vary

European Agency Approvals

Germany	VDE	
Austria	OVE	
Belgium	CEBEC	
Denmark	DEMKO	
Finland	FIMKO	
France	LCIE	
Netherlands	KEMA	
Norway	NEMKO	
Sweden	SEMKO	
Switzerland	SEV	

Fig. 3



Opening an account is easy!!

Corporate Customers

Call 1-800-831-4242 for details today.

6VAC/9VAC Dual Output Power Transformer

12VA

- Input voltage: 120VAC
- Output voltage: 6VAC @ 500mA center tap (blue wires); 9VAC @ 1A center tap (yellow wires)
- Size: 2.1"L x 3.2"W x 2.0"H • Weight: 1.3 lbs.

Part No.	Mfr. Cross Ref. No.	1	10	100
183089PC	YS57H-099FAA	\$4.95	\$3.99	\$2.99



120VAC to 120VAC Isolation Transformer

300VA

- Input voltage: 120VAC @ 60Hz
- Input connector: 5.5" cord with 2-prong plug
- Output voltage: 120VAC @ 2.5A (isolated)
- Size: 4.2"H x 3.2"W x 4.6"D • Weight: 7.0 lbs.

Part No.	Mfr. Cross Ref. No.	1	10	100
181315PC	ITR300	\$44.95	\$33.75	\$23.65



EMI Suppression Cores with Case

Reduce Electro Magnetic Interference (EMI) with a snap of these suppression cores around a power cord or data cord. Easy to install and an affordable way to reduce EMI without redesigning your product.



Part No.	Size (OutDia. x InDia. x L)	1	10	100
218173PC	.64" x .20" x 1.15"	\$.99	\$.89	\$.79
217841PC	.78" x .34" x 1.40"	1.45	1.29	1.15

320VA Variable AC Transformer

- Input voltage: 110VAC @ 60Hz (using pin 1-2)
110VAC @ 50Hz (using pin 1-4)
- Matching input/output terminals: P/N 103667PC and 109111PC (disconnect .25" solderless terminals), pg 123
- Maximum current: 2.5A
- Size: 2.8"Dia. x 2.1"H
- Weight: 2.5 lbs.
- Panel mount
- Shaft length: 0.5"
- One-year warranty

Includes: 3 disconnect .25" solderless terminals

Part No.	Description	1	10	50
149323PC	320VA variable	\$53.95	\$48.59	\$43.75



550VA Variable AC Transformer

- Input voltage: 110VAC @ 60Hz
- Output voltage: 0-140VAC
- Rated current: 5A
- Panel mount
- Input/output terminals: binding post with 0.188" diameter post
- Size: 4.3"Dia. x 4.0"H
- Weight: 6.8 lbs.
- One-year warranty

Part No.	Description	1	10	50
152936PC	550VA variable	\$64.95	\$58.49	\$52.65



We'll match the advertised price of any like product.

Jameco's Low-Price Guarantee

It's that simple!

500VA & 2000VA Variable Transformers

- Input voltage: 110VAC @ 60 Hz
- Power: 500 or 2000VA
- Output voltage: 0 to 130VAC
- Output analog voltmeter
- Input conn.: 3-prong plug w/ 5' cord
- Output conn.: 3-prong outlet type
- Lighted on/off power switch
- 169640PC: • 5A @ 250V fuse
- Size: 8.3"L x 6.5"W x 7.0"H
- Weight: 15.6 lbs.
- 169658PC: • 20A @ 250V fuse
- Size: 9.8"L x 8.0"W x 7.0"H • Weight: 26.5 lbs.

Part No.	Description	1	10	50
169640PC	500VA transformer	\$84.95	\$76.49	\$68.85
169658PC	2000VA transformer	124.95	112.49	101.25



500-2000VA Variable Transformers

- Input: 110VAC or 220VAC
- Power: 500-2000VA
- Output: 0-240VAC
- Banana/screw input terminals
- Universal US/European output plugs
- Lighted on/off power switch

Part No.	Fuse	Size (L" x W" x H")	Wt. (lbs.)
121275PC	3A/250V (P/N 69438PC)	5.3 x 7.3 x 7.0	10.4
129007PC	5A/250V (P/N 10401PC)	9.4 x 6.5 x 7.7	14.8
152581PC	10A/250V (P/N 69462PC)	9.0 x 7.0 x 7.7	19.8

Part No.	Description	1	10	50
121275PC	500VA transformer	\$79.95	\$69.95	\$62.95
129007PC	1000VA transformer	164.95	148.49	133.65
152581PC	2000VA trans.	174.95	158.45	139.95



Power Entry Filters and AC Receptacles



Fig. 1 (146907PC)

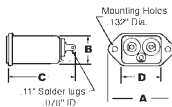


Fig. 2 (Solder Terminals)

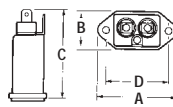


Fig. 3 (Fast-on Terminals)



Fig. 4 (210913PC)

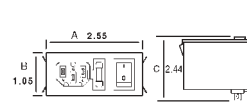


Fig. 5 (Cut out)

SALE



Fig. 6 (203140PC)



• Frequency: 50/60Hz



Fig. 7 (Male)



Fig. 8 (Female)

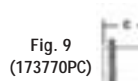


Fig. 9 (173770PC)



Fig. 10 (117444PC)



Fig. 11 (184903PC)

Part Number	Mfr. Cross Ref. No.	Corcom Cross	Description	Fig.	Current (A)	Voltage (VAC)	Terminals	Agency Approvals	Terminal Size	Dimension (inches)				Pricing			
										A	B	C	D	1	10	100	500
146907PC	03DENG3B*		Power entry filter (snap-in)	1	3	250	fast-on	UL/CSA/VDE	.25"	1.25	0.95	2.23	N/A	\$4.95	\$4.49	\$3.59	\$2.69
150615PC	03AC1	3EF1	Power entry filter, straight (flanged)	2	3	250	solder	UL/CSA/VDE	.16"	1.89	0.88	2.58	1.58	5.95	4.79	3.59	2.55
42454PC	06AC1	6EF1	Power entry filter, straight (flanged)	2	6	250	solder	UL/CSA/VDE	.16"	1.96	0.88	2.06	1.58	8.95	8.09	7.25	6.55
165016PC	SUP-J15G-E-2		Power entry filter straight (flanged)	2	15	250	solder	UL/CSA/VDE	.16"	1.89	0.88	2.18	1.58	5.95	5.39	4.85	4.35
40601PC	03AE1*	3EF1F	Power entry filter, straight (flanged)	3	3	250	fast-on	UL/CSA/VDE	.25"	1.97	0.90	2.16	1.58	5.95	4.79	3.59	2.55
63132PC	06AE1	6EF1F	Power entry filter, straight (flanged)	3	6	250	fast-on	UL/CSA/VDE	.16"	1.96	0.88	2.06	1.58	6.95	6.29	5.65	5.09
217744PC	10AE1	10EF1F	Power entry filter, straight (flanged)	3	10	250	fast-on	UL/CSA/VDE	.25"	1.96	0.89	2.23	1.58	9.95	8.95	8.09	7.29
220206PC	10GEEG3E		Power entry filter, straight (flanged)	3	10	250	solder	UL/CSA/VDE	.16"	1.96	0.87	2.16	1.58	8.49	7.65	6.89	6.19
210913PC	01GEEW3E		Power entry filter, straight (flanged)	4	1	250	wire	UL/CSA/VDE	4.1"	2.05	0.99	1.78	1.58	5.95	4.79	3.59	2.55
212206PC	A6-12S10E		Power entry filter, fused w/ switch (snap-in)	5	6	250	fast-on	UL/CSA/VDE	.25"	2.55	1.05	2.44	N/A	9.95	8.95	7.95	6.95
203140PC	F6-12S10E1		Power entry filter, fused w/ switch (snap-in)	6	6	250	fast-on	UL/CSA/VDE	.25"	2.55	1.05	2.82	N/A	11.95	10.95	9.95	8.95
147109PC	42R02		AC power inlet (male) snap-in	7	15	250	fast-on	UL/CSA/VDE	.25"	1.22	0.94	1.13	N/A	26	.23	.21	.19
16651PC	JR101		AC power inlet (male) flanged	7	15	250	fast-on	UL/CSA/VDE	.187"	1.96	0.89	1.07	1.58	.79	.71	.57	.41
147900PC	P0707*		AC power inlet (male) flanged	7	15	250	solder	UL/CSA/VDE	.16"	1.96	0.89	1.04	1.58	.75	.68	.59	.55
218288PC	0708-1-CQ		AC power outlet (female) flanged	8	10	250	fast-on	UL/CSA/VDE	.189"	1.97	1.14	1.27	1.58	.89	.79	.72	.65
173770PC	6200-21		AC power inlet (male) fused (flanged)	9	10	250	fast-on	UL/CSA/VDE	.136"	1.73	1.34	1.00	1.41	.79	.69	.59	.39
117444PC	07172		AC power inlet (male) fused (snap-in)	10	10	250	fast-on	UL/CSA/VDE	.187"	1.18	1.30	1.21	N/A	1.95	1.79	1.59	1.45
184903PC	42R363152IOU		AC power inlet (male) w/ switch (snap-in)	11	15	250	fast-on	UL/CSA/VDE	.25"	1.30	1.58	1.42	N/A	1.95	1.69	1.49	1.35

* Manufacturer may vary

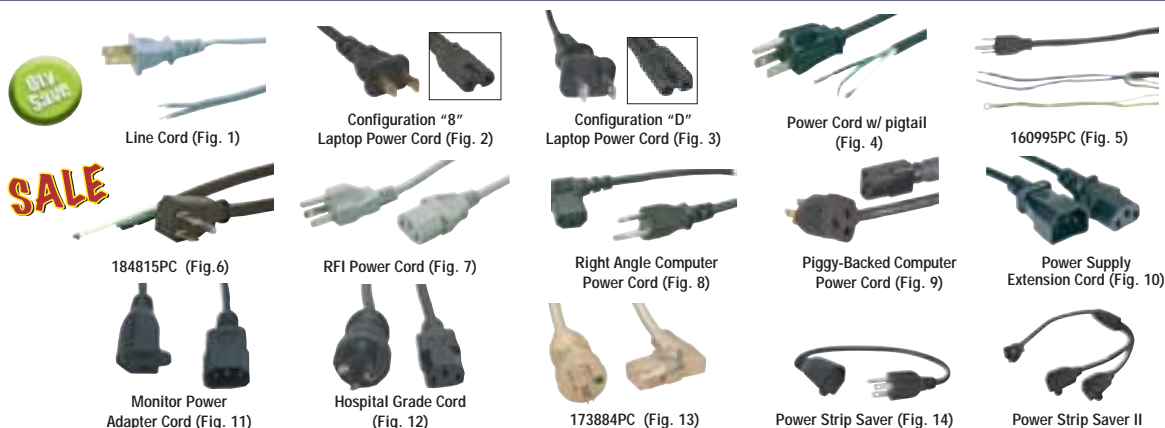
1 High normal mode rejection

2 Includes spare fuse holder - Fuse type 5mm x 20mm (250V)

Power Cords

Color Code Legend
New Sale Ors Save Closeout

- Molded connectors
- Excellent resistance to jacket abrasion
- Temperature:
-20°C to +60°C
- Voltage rating: 300 volts



AWG	Volts	Amps	VA
18	125	10	1250
16	125	12	1500
14	125	15	1875



Part Number	Mfr. Cross Reference No.	Description	Weight (lbs.)	Agency Approvals	Plug Fig.	Length	Color	AWG	Cord Type*	Pricing			
										1	10	100	250
152186PC	17106BG	2-conductor power cord with pigtail	.20	UL/CSA	1	6'	Beige	18/2	SPT-2	\$1.09	\$.98	\$.78	\$.59
124433PC	ST008	2-conductor power cord with pigtail	.16	UL/CSA	1	6'	Black	18/2	SPT-2	1.15	.99	.89	.79
42041PC	17106	2-conductor power cord with pigtail with strain relief	.25	UL/CSA	1	6'	Black	18/2	SPT-2	1.15	.99	.89	.79
146309PC	PC182J6	2-conductor power cord with pigtail (round)	.31	UL/CSA	1	6'	Black	18/2	SPT-2	.99	.79	.59	.42
189587PC	VW-1	2-conductor "8" style power cord for laptops and power supplies	.30	UL/CSA	2	6'	Black	18/2	SPT-2	2.95	2.49	2.15	1.79
200791PC	LL114039	2-conductor "D" style power cord for laptops and power supplies	.30	UL/CSA	3	6'	Black	18/2	SPT-2	2.95	2.69	2.15	1.15
38009PC	17237	3-conductor power cord with pigtail	.31	UL/CSA	4	6'	Gray	18/3	SVT	2.49	2.25	1.95	1.75
173809PC	17405	3-conductor power cord with pigtail	.39	UL/CSA	4	6'	Gray	18/3	SJT	2.95	2.49	2.25	1.95
37997PC	17236	3-conductor power cord with pigtail	.30	UL/CSA	4	6'	Black	18/3	SVT	2.79	2.32	2.11	1.99
159409PC	17405B	3-conductor power cord with pigtail	.37	UL/CSA	4	6'	Black	18/3	SJT	\$2.95	2.59	2.15	1.95
38025PC	17238	3-conductor power cord with pigtail	.39	UL/CSA	4	8'	Black	18/3	SVT	3.29	2.75	2.45	2.25
102007PC	17535B	3-conductor power cord with pigtail	.49	UL/CSA	4	10'	Black	18/3	SVT	\$3.49	3.25	2.75	2.49
196285PC	LL40378	3-conductor power cord with pigtail	.80	UL/CSA	4	10'	Black	16/3	SJT	\$3.95	3.49	2.79	2.09
166924PC	17516	3-conductor power cord with pigtail	.67	UL/CSA	4	6' 7"	Black	14/3	SJT	3.95	3.55	3.19	2.79
100271PC	17629B	3-conductor power cord with pigtail	.88	UL/CSA	4	9'	Black	14/3	SJT	4.25	3.55	3.25	2.89
160995PC	17720	3-conductor power cord with pigtail (shielded)	.44	UL/CSA	5	8'	Black	18/3	SVT	2.49	2.25	2.05	1.85
184815PC	17629BR	3-conductor right angle power cord with pigtail	.77	UL/CSA	6	7'	Black	14/3	SJT	2.15	1.89	1.69	1.55
103747PC	17248	3-conductor power supply cord	.34	UL/CSA	7	6'	Gray	18/3	SVT	\$3.79	3.59	3.09	2.75
213874PC	17660BG	3-conductor power supply cord (shielded)	.40	UL/CSA	7	6'	Beige	18/3	SVT	3.59	3.25	2.95	2.65
38041PC	17249	3-conductor power supply cord	.37	UL/CSA	7	6'	Beige	18/3	SVT	3.49	3.15	2.79	2.49
38050PC	17250	3-conductor power supply cord	.36	UL/CSA	7	6'	Black	18/3	SVT	3.75	3.25	2.75	2.49
161761PC	17742	3-conductor power supply cord (shielded)	.40	UL/CSA	7	6'	Black	18/3	SVT	4.49	4.05	3.65	3.29
132118PC	17500	3-conductor power supply cord	.44	UL/CSA	7	6'	Black	18/3	SJT	4.49	4.05	3.65	3.29
117583PC	17502	3-conductor power supply cord	.37	UL/CSA	7	8'	Gray	18/3	SVT	3.49	3.15	2.79	2.49
171096PC	17758	3-conductor power supply cord	.60	UL/CSA	7	8'	Black	18/3	SJT	3.95	3.55	3.19	2.89
229219PC	9350819	3-conductor power supply cord (shielded)	.45	UL/CSA	7	8'	Black	18/3	SJT	4.49	4.05	3.65	3.29
102023PC	17501V	3-conductor power supply cord	.55	UL/CSA	7	10'	Black	18/3	SVT	\$4.25	3.95	3.39	3.09
192727PC	17501J	3-conductor power supply cord	.64	UL/CSA	7	10'	Black	18/3	SJT	3.95	3.59	2.89	2.15
190625PC	37805	3-conductor power supply cord (shielded)	.75	UL/CSA	7	10'	Beige	18/3	SJT	3.95	3.59	2.89	2.15
163361PC	6952299	3-conductor power supply cord	.33	UL/CSA	7	14'	Black	18/3	SJT	5.39	4.85	4.39	3.95
159361PC	17602	3-conductor power supply cord	.57	UL/CSA	7	6'	Black	16/3	SJT	3.79	3.15	2.79	2.49
142607PC	17502	3-conductor power supply cord (shielded)	.63	UL/CSA	7	6'	Black	16/3	SJT	4.19	3.79	3.39	3.05
125541PC	17504	3-conductor power supply cord	.71	UL/CSA	7	6' 7"	Black	14/3	SJT	4.95	4.45	3.55	2.69
117356PC	8120-6177	3-conductor right angle power supply cord	.41	UL/CSA	8	6'	Gray	18/3	SVT	3.95	3.19	2.39	1.69
38076PC	17250R	3-conductor right angle power supply cord	.54	UL/CSA	8	6'	Black	18/3	SVT	3.49	3.15	2.85	2.55
173251PC	17250RS	3-conductor right angle power supply cord (shielded)	.40	UL/CSA	8	6'	Black	18/3	SVT	3.29	2.99	2.69	2.39
177383PC	17507	3-conductor right angle power supply cord	.66	UL/CSA	8	10'	Black	18/3	SJT	3.95	3.59	2.89	2.15
84937PC	17669-6	3-conductor piggy backed computer power cord	.47	UL/CSA	9	6'	Black	18/3	SJT	6.95	6.29	5.05	3.79
28468PC	PEC	3-conductor computer power supply extension cord	.36	UL/CSA	10	6'	Black	18/3	SVT	4.39	3.95	3.59	3.25
121291PC	PEC2	3-conductor computer power supply extension cord	.55	UL/CSA	10	8'	Black	18/3	SJT	3.95	3.19	2.39	1.69
175855PC	PECUL10	3-conductor computer power supply extension cord	.53	UL/CSA	10	10'	Black	18/3	SVT	2.95	2.39	1.79	1.25
177447PC	MPC1	3-conductor monitor power adapter cord	.16	UL/CSA	11	1'	Black	18/3	SVT	2.95	2.49	2.15	1.79
26382PC	MPC6	3-conductor monitor power adapter cord	.40	UL/CSA	11	6'	Black	18/3	SVT	\$3.95	1.65	1.49	1.35
196277PC	E55333	3-conductor power cord w/ hospital grade male (green dot)	.56	UL/CSA	12	6' 6"	Gray	18/3	SJT	2.95	2.69	2.15	1.59
132011PC	17006G	3-conductor power cord w/ hospital grade male (green dot)	.82	UL/CSA	12	10'	Gray	16/3	SJT	8.45	7.65	6.15	4.59
115078PC	17006	3-conductor power cord w/ hospital grade male (green dot)	.84	UL/CSA	12	10'	Black	16/3	SJT	8.95	8.09	7.25	6.55
173884PC	3472WJ698G	3-conductor power cord w/ hospital grade male rt ang (green dot)	.85	UL/CSA	13	9'	Gray	16/3	SJT	7.95	7.19	5.75	4.35
199777PC	PSS-1	3-conductor power cord (power strip saver)	.16	UL/CSA	14	1'	Black	18/3	SVT	1.69	1.55	1.39	1.25
208338PC	SY0527BG	3-conductor power cord (power strip saver)	.16	UL/CSA	14	1'	Beige	18/3	SVT	1.69	1.45	1.09	1.09
208346PC	GPR-2006	3-conductor power cord ("Y" type power strip saver)	.38	UL/CSA	15	2'	Black	18/3	SVT	2.89	2.75	2.59	2.59

* Thermoplastic Cord Jacket Type: SPT-2 (Flat): Junior duty; SVT (Round): Light service; SJT (Round): Junior service

AC-to-DC Regulated Switching Table-Top Power Supplies

See page 46 for
International
Power Cords



196146PC



155205PC



206455PC



159353PC



173825PC

SALE



Polarity 1 (center negative)



Female



Male

Polarity 2 (center positive)



Power	Part Number	Mfr.	Mfr. Cross Ref. No.	Output		Input VAC@Hz	Output Plug/Connector ID x OD/Plug Type/Polarity F = female; M = male	Pwr. Ind.	Color	Size (L" x W" x H")	Cords* (DC/AC)	Wt. (lbs.)	Agency Approvals	Pricing			
				Pwr (W)	Volts (VDC)/ Current (A)									1	10	50	100
2-Wire AC Input – Regulated Switching																	
5-25 Watt	221823PC	Mean Well	P15A-0P2JR	7	+3.3/2.2	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	\$19.49	\$17.59	\$15.79	\$14.19
	221591PC	Mean Well	P30B-0P2JR	12	+3.3/3.6	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	21.95	19.79	17.79	15.99
	211300PC	Horizon	SSL20-7605	20	+5/4.0	100-240@50-60	2.5mm x 5.5mm F 2	No	Black	4.2 x 2.3 x 1.0	6'/ ³	1.5	UL/CSA/VDE/CE	24.95	19.99	14.99	10.49
	221604PC	Mean Well	P30B-1P2JR	20	+5/4.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	25.95	23.35	20.99	18.99
	195805PC	Horizon	DCR920F12	18	+9/2.0	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.2 x 2.6 x 1.4	6'/6'	0.9	UL/CUL/TUV/CE	26.95	24.29	21.85	19.65
	195768PC	Horizon	DCR920F52	18	+9/2.0	100-240@50-60	2.5mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.9	UL/CUL/TUV/CE	22.95	20.69	18.59	16.75
	221831PC	Mean Well	P15B-3P2JR	15	+12/1.3	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	19.49	17.59	15.79	14.19
	221840PC	Mean Well	P15B-4P2JR	15	+15/1.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	19.49	17.59	15.79	14.19
	211174PC	Horizon	SC102TA1503	18	+15/1.2	100-240@47-63	2.5mm x 5.5mm F 2	No	Black	4.0 x 1.9 x 1.4	6'/ ³	0.5	UL/CUL/TUV/CE	19.95	17.95	16.19	14.55
	221858PC	Mean Well	P15B-6PJR	15	+24/0.6	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	19.49	17.59	15.79	14.19
	196146PC	Artesyn	SSL20-7660	14	+5/0.9, +12/0.8 -5/0.05	100-240@50-60	5-pin DIN M	Yes	Black	4.2 x 2.3 x 1.0	6'/ ³	1.0	UL/CSA/VDE	58.95	4.25	3.85	3.19
	196138PC	DVE	DSA-0283A	23	+5/1, +12/1.49 -5/4.43	100-240@47-63	5-pin DIN M	No	Black	4.9 x 2.7 x 1.5	6'/ ³	0.8	UL/CSA/TUV	17.95	16.19	12.95	9.69
25-60 Watt	191901PC	IPS	CUP36-12	30	+12/2.5	100-240@50-60	2.5mm x 5.5mm right angle F 2	No	Black	4.4 x 2.0 x 0.8	4'/ ³	0.7	UL/CUL/TUV/CE	27.95	24.95	22.49	19.95
	220311PC	Horizon	SL120300	36	+12/3.0	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.0 x 1.2	6'/ ³	0.6	UL/CUL/TUV/CE	29.95	26.99	24.29	21.85
	220441PC	Horizon	SL120300RT	36	+12/3.0	100-240@50-60	2.5mm x 5.5mm right angle F 2	Yes	Black	4.3 x 2.0 x 1.2	6'/ ³	0.6	UL/CUL/TUV/CE	29.95	26.99	24.29	21.85
	224055PC	Horizon	SL120300-4.5	36	+12/3.0	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.0 x 1.2	4.5'/ ³	0.6	UL/CUL/TUV/CE	29.95	26.99	24.29	21.85
	224047PC	Horizon	SL120300RT-4.5	36	+12/3.0	100-240@50-60	2.5mm x 5.5mm right angle F 2	Yes	Black	4.3 x 2.0 x 1.2	4.5'/ ³	0.6	UL/CUL/TUV/CE	29.95	26.99	24.29	21.85
	230498PC	Phihong	PSA60W-120	50	+12/4.2	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.0 x 2.5 x 1.3	6'/ ³	0.5	UL/CUL/TUV/CE	36.49	32.85	29.55	29.55
	230501PC	Phihong	PSA60W-180	60	+18/3.3	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.0 x 2.5 x 1.3	6'/ ³	0.5	UL/CUL/TUV/CE	36.49	32.85	29.55	29.55
	221612PC	Mean Well	P30B-6P2JR	27	+24/1.1	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	25.95	23.35	20.99	18.99
	229841PC	Phihong	PSA60W-240	60	+24/2.5	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.0 x 2.5 x 1.3	6'/ ³	0.5	UL/CUL/TUV/CE	36.49	32.85	29.55	29.55
	205911PC	Delta	ADP-25HB [†]	25	+30/0.83	100-125@50-60	2.1mm x 5.5mm F 2	No	Black	3.5 x 2.4 x 1.2	6'/7'	1.1	UL/CUL	17.49	15.75	14.19	12.75
3-Wire AC Input – Regulated Switching																	
5-15 Watt	221807PC	MeanWell	P15A-0P2JU	7.2	+3.3/2.2	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	\$19.95	\$17.95	\$16.15	\$14.55
	221671PC	Mean Well	P30A-0P2JU	12	+3.3/3.6	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CSA/TUV/CE	26.95	24.29	21.85	19.65
	221567PC	Mean Well	P40A-0P2JU	15	+3.3/4.5	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	29.95	26.99	24.29	21.85
	196218PC	GlobeTek	GT210891005T3	10	+5/2.0	120-240@50-60	2.1mm x 5.5mm F 2	No	Black	3.4 x 1.9 x 1.3	6'/ ²	0.4	UL/CUL/TUV/CE	19.95	17.95	16.15	14.55
	224282PC	Mean Well	P15A-11P2JU	12	+5/2.4	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.6	UL/CSA	19.95	17.95	16.19	14.59
15-20 Watt	161568PC	Mean Well	MA15-050R	15	+5/2.5	100-240@47-63	2.1mm x 5.5mm F 2	No	Black	3.3 x 2.0 x 1.3	4'/6'	0.4	UL/CSA/TUV	19.95	18.95	17.95	17.19
	202796PC	Mean Well	MA15-2.5R	15	+5/2.5	100-240@47-63	2.5mm x 5.5mm F 2	No	Black	3.3 x 2.0 x 1.3	4'/6'	0.4	UL/CSA/TUV	19.95	17.95	15.95	13.95
	221786PC	Mean Well	U24S102-P2JU	15	+5/3.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.2 x 2.6 x 1.2	6'/6'	0.8	UL/CUL/TUV/CE	23.95	21.55	19.39	17.45
	206236PC	Netgear	A15D3-05MP	15	+5/3.0	100-240@50-60	2.5mm x 5.5mm F 2	No	Black	3.8 x 2.1 x 1.4	5'/ ²	0.4	UL/CSA/TUV	24.95	22.49	17.99	13.49
	228996PC	Phihong	PSA31U-050	20	+5/4.0	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.5 x 2.4 x 1.4	6'/ ²	0.5	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	155205PC	Mean Well	KA52A	20	+5/4.0	100-240@47-63	2.1mm x 5.5mm F 2	No	Black	4.1 x 2.6 x 1.6	6'/6'	1.2	UL/CSA/TUV	26.95	24.25	21.85	19.65
	213583PC	Mean Well	P30A-1P2J	20	+5/4.0	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.7	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	169121PC	ATS	AD740U1050	20	+5/4.0	100-240@50-60	2.5mm x 5.5mm F 2	No	Black	4.1 x 2.6 x 1.6	4'/ ²	1.4	UL/CUL/TUV/CE	24.95	22.49	19.95	17.95
	228988PC	Phihong	PSA18U-120	18	+12/1.5	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	3.9 x 2.2 x 1.2	6'/ ²	0.5	UL/CUL/TUV/CE	22.95	20.65	18.59	16.75
	216549PC	Mean Well	KWM12F-P2JU	18	+12/1.5	100-240@47-63	2.1mm x 5.5mm F 2	No	Black	4.0 x 1.9 x 1.5	6'/6'	0.4	UL/CUL/TUV/CE	22.95	20.65	18.59	16.75
20-30 Watt	216531PC	Mean Well	KWM12F-P2MU	18	+12/1.5	100-240@47-63	2.5mm x 5.5mm F 2	No	Black	4.0 x 1.9 x 1.5	6'/6'	0.4	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	221794PC	Mean Well	P15A-6P2JU	15	+24/0.6	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	19.95	17.95	16.15	14.55
	221815PC	MeanWell	P15A-4P2JU	15	+15/1.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	3.6 x 1.6 x 1.5	6'/6'	0.5	UL/CUL/TUV/CE	19.95	17.95	16.15	14.55
	159353PC	Mean Well	KA60A	17	+5/1, ±12/0.5	100-240@50-60	5-pin DIN M	Yes	Black	4.1 x 2.6 x 1.5	6'/5'	1.0	UL/CSA/TUV	36.95	33.29	29.95	26.95
	213575PC	Mean Well	P40A-1P2J	25	+5/5.0	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.7	UL/CUL/TUV/CE	29.95	26.99	24.29	21.85
	211019PC	Mean Well	KA52B	25	+9/2.78	100-240@47-63	2.5mm x 5.5mm F 2	No	Black	4.2 x 2.6 x 1.5	6'/ ²	0.9	UL/CSA/TUV/CE	29.95	26.99	24.29	21.85
	211027PC	Mean Well	KA52BMOD	25	+9/2.78	100-240@47-63	2.1mm x 5.5mm F 2	No	Black	4.2 x 2.6 x 1.5	6'/ ²	0.9	UL/CSA/TUV/CE	29.95	26.95	24.25	21.79
	173825PC	Ault	SW109	25	+9/2.78	100-250@50-60	3-pin Molex F	No	Black	5.0 x 3.0 x 1.5	5'8"/ ²	1.3	UL/CSA/CE	58.95	5.49	4.99	4.15
	203086PC	Ault	SW110	25	+12/2.08	100-250@50-60	2.5mm x 5.5mm F 2	No	Black	5.1 x 3.1 x 1.6	6'/ ²	2.0	UL/CSA/CE	24.95	22.49	19.95	17.95
	215124PC	Mean Well	U24S106-P2J	24	+15/1.6	100-240@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.2 x 2.6 x 1.2	6'/6'	0.5	UL/CUL/TUV/CE	25.95	23.39	21.05	18.95
	206455PC	Ault	SC100	25	+16/1.56	100-240@50-60	2.5mm x 5.5mm F 2	No	Black	4.2 x 2.6 x 1.5	6'/ ²	1.2	UL/CUL/TUV/CE	19.95	17.99	14.39	10.79
	221680PC	Mean Well	P30A-6P2JU	27	+24/1.1	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CSA/TUV/CE	26.95	24.29	21.85	19.65
	203772PC	Ault	SC100	25	+48/0.52	100-250@50-60	2.5mm x 5.5mm F 2	No	Black	4.2 x 2.6 x 1.5	6'/ ²	0.8	UL/CUL/TUV/CE	19.95	17.99	16.19	14.55
	215087PC	Mean Well	P30A-8P2J	27	+48/0.56	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/ ²	0.7	UL/CSA/TUV/CE	26.95	24.29	21.85	19.65

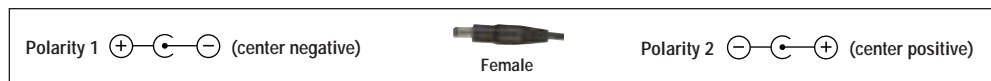
* See accessory table-top power cord chart on page 51 when AC cord needed; refer to 1, 2, or 3 in Cord (DC/AC) column above for correct power cord ▲ Manufacturer and Product Number may vary

3-Wire Table-Top Power Supplies Continued on Page 50

AC-to-DC Regulated Switching Table-Top Power Supplies



See page 46 for International Power Cords



Power	Part Number	Mfr.	Mfr. Cross Ref. No. ▲	Output		Input VAC@Hz	Output Plug/Connector ID x OD/Plug Type/Polarity F = female; M = male	Pwr. Ind.	Color	Size (L" x W" x H")	Cords* (DC/AC)	Wt. (lbs.)	Agency Approvals	Pricing			
				Pwr (W)	Volts (VDC)/ Current (A)									1	10	50	100
3-Wire AC Input – Regulated Switching (Continued)																	
20-30 Watt	215079PC	Mean Well	P30A-8P2M	27	+48/0.56	100-240@50-60	2.5mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.7	UL/CSA/TUV/CE	\$26.95	\$24.29	\$21.85	\$19.65
	196269PC	Everglow	PSU25A13	25	+5/2.5, +12/1.0	100-240@47-63	4-pin mini DIN M	No	Black	4.2 x 2.6 x 1.4	6'/4'	1.2	UL/CUL/TUV/CE	27.95	25.19	22.65	20.39
	221751PC	Mean Well	P25A13-R1BU	25	+5/2.5; +12/1.0	90-264@47-63	5-pin DIN M	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CSA/TUV/CE	27.95	25.19	22.69	20.39
	221760PC	Mean Well	P25A14-R1BU	25	+5/2.5, +15/0.8	90-264@47-63	5-pin DIN M	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	27.95	25.19	22.69	20.39
	221778PC	Mean Well	P25A16-R1BU	25	+5/2.5, +24/0.5	90-264@47-63	5-pin DIN M	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	27.95	25.19	22.69	20.39
	189561PC	Phihong	PSM-3012G	26	+5/4, +12/0.5	100-240@50-60	5-pin mini DIN M	Yes	Beige	5.8 x 2.9 x 1.6	6'/1	1.3	UL/CSA	6.25	5.69	5.15	04.69
	190650PC	Ault	SW300	25	+5/4.0, +12/1.0	100-250@50-60	5-pin DIN M	No	Black	5.9 x 3.4 x 2.1	6'/2	1.5	UL/CSA/TUV	19.95	17.99	14.39	10.79
	190959PC	Mean Well	P25A13D-R1B	26	+5/2.5, +12/0.8 -12/0.3	100-240@47-63	5-pin DIN M	Yes	Black	4.1 x 2.6 x 1.4	6'/6'	1.1	CUL/TUV/CE	32.95	29.69	26.69	24.05
	221719PC	Mean Well	P25A14E-R1BU	25	+5/2.5, +15/0.3 -15/0.3	90-264@47-63	5-pin DIN M	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	32.95	29.69	26.69	24.05
30-40 Watt	221516PC	Mean Well	U45S102-P2JU	40	+5/8.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	4'/6'	1.4	UL/CUL/TUV/CE	37.95	34.19	30.79	27.69
	206527PC	Mean Well	P40A-1-1P25	30	+7.5/4.0	100-240@50-60	2.1mm x 5.5mm F 2	No	Black	4.3 x 2.7 x 1.5	6'/6'	1.5	UL/CUL/TUV/CE	29.95	26.95	23.95	21.95
	229008PC	Phihong	PSA31U-120	30	+12/2.5	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.5 x 2.4 x 1.4	6'/2	0.5	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	155213PC	Mean Well	P40A-3P2JU	40	+12/3.3	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	5.5 x 2.3 x 1.5	6'/6'	0.7	UL/CUL/TUV	34.95	31.49	27.95	24.95
	229016PC	Phihong	PSA31U-150	30	+15/2.0	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.5 x 2.4 x 1.4	6'/2	0.5	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	206471PC	Mean Well	P40A-4AR01	30	+15/2.0	100-240@50-60	2.5mm x 5.5mm F 2	No	Black	5.6 x 2.9 x 1.6	6'/6'	1.2	UL/CUL/TUV/CE	26.95	24.29	21.85	19.65
	221575PC	Mean Well	P40A-4P2JU	40	+15/2.7	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	35.95	32.35	29.15	26.19
	230480PC	Phihong	PSA31U-180	30	+18/1.6	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	3.9 x 2.2 x 1.2	6'/2	0.5	UL/CUL/TUV/CE	26.95	24.25	21.85	21.85
	229024PC	Phihong	PSA31U-240	30	+24/1.25	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.5 x 2.4 x 1.4	6'/2	0.5	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	181884PC	Mean Well	P40A6P2J	40	+24/1.66	100-240@50-60	2.1mm x 5.5mm F 2	Yes	Black	4.1 x 2.6 x 1.4	6'/6'	0.7	UL/TUV/CE	33.95	30.59	27.55	24.75
	229032PC	Phihong	PSA31U-480	30	+48/0.63	90-264@47-63	2.1mm x 5.5mm F 2	No	Black	4.5 x 2.4 x 1.6	6'/2	0.5	UL/CUL/TUV/CE	26.95	24.25	21.85	19.65
	221583PC	Mean Well	P40A-8P2JU	40	+48/0.8	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.2 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	35.95	32.35	29.15	26.19
40-45 Watt	211191PC	Westinghouse	FSA30P31	30	+5/3, ±12/0.8	85-264@47-63	5-pin DIN M	No	Black	5.8 x 3.0 x 1.7	4'/2	1.1	UL/CSA/TUV	29.95	23.99	17.99	12.59
	203043PC	Ault	SC200	32	+5/4, +12/1	100-240@50-60	5-pin DIN M	No	Black	5.0 x 3.0 x 1.6	6'/2	1.3	UL/CSA/CE	19.95	17.95	16.15	14.55
	203107PC	UMEC	UP0451E-12P	45	+12/3.75	100-240@47-63	2.5mm x 5.5mm F 2	No	Black	4.7 x 2.4 x 1.4	2'6'/2	1.4	UL/CUL/TUV/CE	34.95	31.49	27.95	24.95
	221524PC	Mean Well	U45S105-P2JU	45	+12/3.8	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	1.3	UL/CSA/TUV/CE	37.95	34.15	30.75	27.65
	221532PC	Mean Well	U45S106-P2JU	45	+15/3.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	1.3	UL/CSA/TUV/CE	37.95	34.15	30.75	27.65
	221541PC	Mean Well	U45S108-P2JU	50	+24/2.1	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	1.3	UL/CSA/TUV/CE	37.95	34.15	30.75	27.65
	221559PC	Mean Well	U45S111-P2JU	48	+48/1.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	1.3	UL/CUL/TUV/CE	37.95	34.19	30.79	27.69
	221727PC	Mean Well	U45D201-R1BU	42	+5/3.5; +12/2.0	90-264@47-63	5-pin DIN M	Yes	Black	5.7 x 3.0 x 1.7	4'/6'	1.3	UL/CSA/TUV/CE	38.95	34.95	31.55	28.35
	221735PC	Mean Well	U45D202-R1BU	42	+5/3.5, +15/1.5	90-264@47-63	5-pin DIN M	Yes	Black	5.7 x 3.0 x 1.7	4'/6'	1.3	UL/CUL/TUV/CE	38.95	34.95	31.55	28.35
	221743PC	Mean Well	U45D203-R1BU	42	+5/3.5, +24/1.0	90-264@47-63	5-pin DIN M	Yes	Black	5.7 x 3.0 x 1.7	4'/6'	1.3	UL/CUL/TUV/CE	38.95	34.95	31.55	28.35
	155053PC	Mean Well	SPU41-13D1	41	+5/5, +12/1, -12/0.3	100-240 @ 47-63	5-pin DIN M	Yes	Black	5.5 x 3.0 x 1.6	6'/4'	1.3	UL/CSA/TUV	54.95	49.49	44.55	40.09
	211107PC	Fortron	FSA55P31	45	+5/5, +12/3 -12/0.5	85-264 @ 50-60	5-pin DIN M	Yes	Black	7.0 x 3.8 x 2.2	4'/2	1.6	UL/CSA/TUV	49.95	39.99	29.99	20.99
221689PC	Mean Well	U45T303-R1BU	42	+5/3.5; +15/1.2 -15/0.3	90-264@47-63	5-pin DIN M	Yes	Black	5.7 x 3.0 x 1.7	4'/6'	1.3	UL/CSA/TUV/CE	36.95	33.25	29.95	26.95	
45-60 Watt	221487PC	Mean Well	SPU50-1U	50	+5/10	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	2.0	UL/CUL/TUV/CE	36.95	33.95	31.95	29.49
	155230PC	Mean Well	SPU50-3	60	+12/5.0	100-240@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.6 x 2.9 x 1.5	6'/6'	1.3	UL/CSA/TUV	49.95	44.95	39.95	35.95
	221479PC	Mean Well	SPU50-4U	60	+15/4.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	2.0	UL/CUL/TUV/CE	38.49	34.65	31.19	28.09
	215116PC	Mean Well	U45S107-P2J	50	+18/2.77	100-240@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.7 x 3.0 x 1.7	6'/6'	1.1	UL/CUL/TUV/CE	31.95	29.95	27.95	25.49
	169076PC	Eltron	808050-00	50	+20/2.5	100-240@50-60	2.5mm x 5.5mm F 2	Yes	Black	6.7 x 3.3 x 2.3	6'/2	1.4	UL/CSA/TUV	22.95	18.39	13.79	9.65
	221508PC	Mean Well	L60A24-P1JU	48	+24/2.0	90-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	4.3 x 2.4 x 1.2	6'/6'	0.8	UL/CUL/TUV/CE	35.95	32.35	29.15	26.19
	161605PC	Mean Well	SPU50-6	60	+24/2.5	100-240@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.6 x 2.9 x 1.6	1'9'/6'	1.3	UL/CSA/TUV	44.95	39.95	35.95	32.95
	172064PC	Mean Well	SPU50-9	60	+48/1.25	100-240@47-63	2.1mm x 5.5mm F 2	Yes	Black	5.6 x 2.9 x 1.7	6'/6'	1.3	UL/CSA/TUV	44.95	40.49	36.45	32.79
	221701PC	Mean Well	P50A13D-R1BU	50	+5/4.0, +12/2.0 -12/0.5	90-264@47-63	5-pin DIN M	Yes	Black	5.7 x 3.0 x 1.7	4'/6'	1.5	UL/CUL/TUV/CE	48.95	44.09	39.69	35.69
60-80 Watt	221428PC	Mean Well	U65S105-P2JU	80	+12/6.7	95-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	6.6 x 3.1 x 1.8	6'/6'	2.0	UL/CUL/TUV/CE	64.95	55.29	49.95	47.49
	221436PC	Mean Well	U65S106-P2JU	80	+15/5.33	95-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	6.6 x 3.1 x 1.8	6'/6'	2.0	UL/CUL/TUV/CE	64.95	55.29	49.95	47.49
	221444PC	Mean Well	U65S107-P2JU	80	+18/4.4	95-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	6.6 x 3.1 x 1.8	6'/6'	2.0	UL/CUL/TUV/CE	64.95	55.29	49.95	47.49
	221452PC	Mean Well	U65S108-P2JU	80	+24/3.3	95-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	6.6 x 3.1 x 1.8	6'/6'	2.0	UL/CUL/TUV/CE	64.95	55.29	49.95	47.49
	221461PC	Mean Well	U65S111-P2JU	80	+48/1.7	95-264@47-63	2.1mm x 5.5mm F 2	Yes	Black	6.6 x 3.1 x 1.8	6'/6'	2.0	UL/CUL/TUV/CE	64.95	55.29	49.95	47.49

* See accessory table-top power cord chart on page 51 when AC cord needed; refer to 1, 2 or 3 in Cord (DC/AC) column above for correct power cord ▲ Manufacturer and Product Number may vary

AC-to-DC Regulated Linear Table-Top Power Supplies

See page 46 for
International
Power Cords



DIN M



Molex



211060PC



116089PC



153752PC



107326PC



163969PC



Polarity 1 ⊕ ⊖ ⊖ (center negative)



Female



Male

Polarity 2 ⊖ ⊖ ⊕ (center positive)

SALE



Stripped

Power	Part Number	Mfr. ▲	Mfr. Cross Ref. No. ▲	Output		Input VAC@Hz	Output Plug/Connector ID x OD/Plug Type/Polarity F = female; M = male	Pwr. Ind.	Color	Size (L" x W" x H")	Cords* (DC/AC)	Wt. (lbs.)	Agency Approvals	Pricing			
				Power (W)	Volts (VDC)/ Current (A)									1	10	50	100
2-Wire AC Input – Regulated Linear																	
5-25 Watts	211060PC	Pacific Data	DV-51AAT	5	+5/1	120@60	2.1mm x 5.5mm rt angle F 2	No	Black	3.4 x 2.7 x 2.2	6'6'/6'	1.7	UL/CSA	\$12.95	\$11.69	\$10.55	\$9.49
	116089PC	Atari	C070042	5	+5/1	115@60	7-pin DIN M	No	Black	3.4 x 2.7 x 2.3	6'6'/6'	1.6	UL	8.39	7.55	6.05	4.55
	174844PC	Jameco	DCR2410F12	24	+24/1	120@60	2.1mm x 5.5mm F 2	No	Black	4.4 x 3.0 x 2.5	6'6'/6'	2.6	—	16.95	15.29	13.75	12.39
	174852PC	Jameco	DCR2410F52	24	+24/1	120@60	2.5mm x 5.5mm F 2	No	Black	4.4 x 3.0 x 2.5	6'6'/6'	2.7	—	14.95	12.95	10.95	9.95
	173665PC	Skyнет	DND-3005	15	+30/0.5	120-127@60	2.5mm x 5.5mm F 2	No	Black	3.0 x 2.5 x 2.2	5'9"/3'2"	1.4	UL/CUL	13.29	11.99	9.59	7.24
	103173PC	Jameco	JE9100	9	+5/0.6, ±12/0.25	120@50-60	5-pin DIN M	No	Black	4.8 x 3.1 x 2.5	6'6'/6'	2.3	UL/CSA	20.95	18.89	16.99	14.95
3-Wire AC Input – Regulated Linear																	
3-15 Watts	163969PC	Gatron	AH633N	3.75	+5/0.75	120@60	4-pin mini DIN M	No	Black	4.1 x 2.5 x 2.0	6'5'/9"	1.5	UL/CSA	\$2.95	\$1.09	\$0.98	\$0.89
	203596PC	Elpac	WM150	15	+5/3	120@60	5-pin DIN M	No	Black	5.4 x 3.9 x 2.6	6'6'/6'	3.5	UL/CSA	\$19.95	12.35	11.25	10.19
	153752PC	Skyнет	LVT-T022	8	+5/1.5, -5/0.1	115/230@50-60	5-pin mini DIN M	No	Black	5.5 x 2.9 x 1.5	6'1'/2"	1.1	UL/CSA/TUV	12.95	11.69	9.35	6.99
	107326PC	Keltron	MPC2562	15.2	+5/2, +26/0.2	115@60	3-pin Molex F	No	Black	7.0 x 4.9 x 2.5	6'3'/3"5"	3.1	UL	\$5.95	3.15	2.85	2.59
	155651PC	Globtek	TR2V100MD8	12.2	+5/1, ±12/0.3	120@60	8-pin mini DIN M	No	Black	4.5 x 3.0 x 2.5	6'6'/6'	2.6	UL	\$10.95	9.69	8.69	7.79
	154624PC	Motorola	5712-305-4C3E [†]	5.6	+5/0.5, ±12/0.13	120@60	8-pin mini DIN M	No	Black	2.9 x 2.6 x 1.9	6'1'/2"	1.2	UL/CSA	12.95	10.39	7.79	5.45

[†] Wall-Mount * See accessory table-top power cord chart below when AC cord needed; refer to ¹, ² or ³ in Cord (DC/AC) column above for correct power cord ▲ Manufacturer and Product Number may vary

AC-to-DC Unregulated Table-Top Power Supplies

SALE

Power	Part Number	Mfr. ▲	Mfr. Cross Ref. No. ▲	Output		Input VAC@Hz	Output Plug/Connector ID x OD/Plug Type/Polarity F = female; M = male	Pwr. Ind.	Color	Size (L" x W" x H")	Length Cords (DC/AC)	Wt. (lbs.)	Agency Approvals	Pricing				
				Power (W)	Volts (VDC)/ Current (A)									1	10	50	100	
2-Wire AC Input – Unregulated																		
10-30 Watts	190051PC	APS	APS48EA114	10	+7/1.5	120@60	2.5mm x 5.5mm female 2	No	Black	3.4 x 2.3 x 1.9	6'6"	1.9	UL/CUL	\$9.95	\$8.99	\$7.19	\$5.39	
	203182PC	Brother	A71222D	25	+11.5/2.2	120@60	2.1mm x 5.5mm female 1	No	Black	4.1 x 2.8 x 2.2	6'6"	2.0	UL/CSA	12.95	11.49	10.49	9.49	
	136565PC	Jameco	DDC1210P	12	+12/1.0	120@60	Stripped & Tinned	No	Black	3.2 x 2.2 x 1.9	6'6"	1.2	—	13.95	12.59	11.39	10.19	
	140880PC	Jameco	DC1215ST	18	+12/1.5	120@60	Stripped & Tinned	No	Black	3.1 x 2.1 x 1.9	6'6"	1.5	UL	10.95	9.95	8.95	7.95	
	143714PC	—	DC1220F1	24	+12/2.0	120@60	2.1mm x 5.5mm female 2	No	Black	3.8 x 2.8 x 2.3	6'6"	2.2	—	14.95	13.49	12.19	10.99	
	143722PC	Jameco	DC1220F5	24	+12/2.0	120@60	2.5mm x 5.5mm female 2	No	Black	3.8 x 2.8 x 2.3	6'6"	2.2	—	12.95	11.69	10.55	9.49	
	143731PC	—	DC1220M3	24	+12/2.0	120@60	3.5mm M 2	No	Black	3.8 x 2.8 x 2.3	6'6"	1.9	—	12.95	11.49	10.49	9.49	
	220919PC	Jameco	EFU135170	23	+13.5/1.7	120@60	2.1mm x 5.5mm F 1	No	Black	3.4 x 2.7 x 2.1	6'6"	1.8	UL/CUL	17.49	16.35	14.39	13.69	
	191898PC	Brother	A81807DM+	12.6	+18/0.7	127@60	2.1mm x 5.5mm female 1	No	Black	4.2 x 3.1 x 2.5	6'6"	2.6	—	\$7.95	3.85	3.49	3.09	2.79
	196947PC	Logitech	SCP60-201500	30	+20/1.5	120@60	2.1mm x 5.5mm female 2	No	Black	3.8 x 2.8 x 2.3	6'6"	1.2	UL/CUL	\$14.95	8.69	7.79	6.99	6.29
	139096PC	Jameco	DC2412F1	29	+24/1.2	120@60	2.1mm x 5.5mm female 2	No	Black	4.4 x 3.1 x 2.6	6'6"	2.5	—	\$19.95	14.95	13.49	12.15	10.95
205920PC	Skyнет	DND-3012	30	+30/1.0	120-127@50-60	2.5mm x 5.5mm female 2	No	Black	4.0 x 2.9 x 2.5	6'6"	1.7	UL/CUL	12.95	11.49	10.49	9.49		
3-Wire AC Input – Unregulated																		
15-25W	157956PC	Everglow	PS571812D	18	+12/1.5	120@60	2.5mm x 5.5mm female 2	No	Black	3.4 x 2.7 x 2.2	6'6"	2.0	UL	\$10.95	\$9.95	\$8.95	\$7.95	
	196306PC	—	A51813D	23	+18/1.3	120@60	2.5mm x 5.5mm female 2	No	Black	3.6 x 2.4 x 2.0	6'6"	1.8	UL/CSA	12.95	11.69	9.34	7.04	

▲ Manufacturer may vary



38041PC



38050PC

** Accessory Power Input Cords



189587PC

Part No.	Ref. No. **	Description	Color	AWG	Certification	Cord Length	Wt. (lbs.)	Cord Type	1	10	100	250
38041PC	1	3-conductor power cord	Beige	18/3	UL/CSA	6'	0.4	SVT	\$3.49	\$3.15	\$2.79	\$2.49
38050PC	2	3-conductor power cord	Black	18/3	UL/CSA	6'	0.4	SVT	3.75	3.25	2.75	2.49
189587PC	3	2-conductor power cord	Black	18/2	UL/CSA	6'	0.3	SPT	2.95	2.49	2.15	1.79

GlobTek®

AC-to-DC Medical Table-Top Switching Power Supplies

- Input voltage: 90-264VAC @ 47-63Hz
- 3-wire AC input
- Leakage current: 0.1mA maximum
- Isolation voltage: 4,000VAC
- Regulation (line & load): $\pm 5\%$
- Ripple and noise: 1% or 100mV, whichever is smaller
- 2.5mm x 5.5mm female center positive
- Cord length (DC/AC): 6' / use P/N 38050PC, pg 48
- Size: 2.9"L x 2.0"W x 1.6"H
- UL/CUL/TUV/CE approved for medical applications



Part Number	Product Number	Power (W)	Output Volts (VDC)/Current (A)	Pricing			
				1	10	50	100
230658PC	TR9CA2600CP	13.0	+5/2.6	\$32.95	\$29.65	\$26.69	\$23.99
230682PC	TR9CE1250CP	15.6	+12/1.3	32.95	29.65	26.69	23.99
230691PC	TR9CG1200CP	18.0	+15/1.2	32.95	29.65	26.69	23.99
230711PC	TR9CI750CP	16.8	+24/0.7	32.95	29.65	26.69	23.99
230738PC	TR9CA6000LCP	30.0	+5/6.0	52.95	47.65	42.89	38.59
230762PC	TR9CE4000LCP	49.2	+12/4.0	52.95	47.65	42.89	38.59
230771PC	TR9CG3333LCP	49.5	+15/3.3	52.95	47.65	42.89	38.59
230797PC	TR9CI2100LCP	50.4	+24/2.1	52.95	47.65	42.89	38.59

GlobTek®

AC-to-DC Medical Regulated Switching Wall Adapters

- Input voltage: 100/240VAC @ 47-63Hz
- 3-prong input plug
- Leakage current: 0.1mA maximum
- Isolation voltage: 4,000VAC
- Regulation (line & load): $\pm 5\%$
- Ripple and noise: 1% or 100mV, whichever is smaller
- 2.5mm x 5.5mm female center positive
- Output cord length: 6'
- Size: 2.9"H x 1.9"W x 1.6"D
- Agency approval: UL/CUL/TUV/CE approved for medical applications



Part Number	Product Number	Power (W)	Output Volts (VDC)/Current (A)	Pricing			
				1	10	50	100
230818PC	WR92A2600LCP	13.0	+5@2.6	\$32.95	\$29.65	\$26.69	\$23.99
230842PC	WR92E1250LCP	15.6	+12@1.3	32.95	29.65	26.69	23.99
230851PC	WR92G1200LCP	18.0	+15@1.2	32.95	29.65	26.69	23.99
230877PC	WR92I750LCP	16.8	+24@0.75	32.95	29.65	26.69	23.99

For Open-Frame Medical Power Supplies
see pages 30 - 31.



AC-to-DC Regulated Wall Adapters

Interchangeable Plug Wall Adapters

- Field changeable AC Plugs (sold separately, see below)
- Power-On LED
- Input voltage: 90-264VAC@47-63Hz
- Output connector: 2.1mm x 5.5mm female center positive

4 to 5-Watt Wall Adapters

- Applications: PDAs, digital cameras, MPEG players, personal electronics
- Dimensions: 2.8"L x 1.8"W x 1.2"H

- Regulated output
- Double Insulated
- Class B EMI



- Efficiency: 60% min.
- Weight: 0.3 lbs.

Part No.	Manufacturer	Product No.	Power (W)	Output Voltage (VDC)	Current (A)	Ripple (mVp-p)	Line Regulation	Load Regulation	1	5	25	100
228734PC	Phihong	PSA05R-033	4.0	3.3	1.2	50	$\pm 1\%$	$\pm 5\%$	\$16.95	\$15.25	\$13.75	\$12.35
228742PC	Phihong	PSA05R-050	5.0	5.0	1.0	50	$\pm 1\%$	$\pm 5\%$	16.95	15.25	13.75	12.35
228751PC	Phihong	PSA05R-090	5.0	9.0	0.56	90	$\pm 1\%$	$\pm 5\%$	16.95	15.25	13.75	12.35
228769PC	Phihong	PSA05R-120	5.0	12.0	0.42	120	$\pm 1\%$	$\pm 5\%$	16.95	15.25	13.75	12.35

6.6 to 11-Watt Wall Adapters

- Applications: wireless communications, portable equipment, digital camera, peripherals, networking
- Dimensions: 3.4"L x 2.1"W x 1.4"H

- Efficiency: 65% typical



Part No.	Manufacturer	Product No.	Power (W)	Output Voltage (VDC)	Current (A)	Ripple (mVp-p)	Line Regulation	Load Regulation	1	5	25	100
228785PC	Phihong	PSA11R-033	6.6	3.3	2.0	50	$\pm 1\%$	$\pm 5\%$	\$17.95	\$16.15	\$14.55	\$13.09
228793PC	Phihong	PSA11R-050	10.0	5.0	2.0	50	$\pm 1\%$	$\pm 5\%$	17.95	16.15	14.55	13.09
228806PC	Phihong	PSA11R-090	10.0	9.0	1.1	90	$\pm 1\%$	$\pm 5\%$	17.95	16.15	14.55	13.09
228814PC	Phihong	PSA11R-120	10.0	12.0	0.83	120	$\pm 1\%$	$\pm 5\%$	17.95	16.15	14.55	13.09
228822PC	Phihong	PSA11R-150	10.0	15.0	0.67	150	$\pm 1\%$	$\pm 5\%$	17.95	16.15	14.55	13.09
228777PC	Phihong	PSA11R-240	10.0	24.0	0.42	240	$\pm 1\%$	$\pm 5\%$	17.95	16.15	14.55	13.09

15 to 20-Watt Wall Adapters with LoadSense™

- Senses and controls the voltage out the connector, eliminating the effect of a voltage drop in the cable
- Applications: peripherals, portable equipment, gaming machines, point-of-sale equipment, network equipment
- Dimensions: 3.9"L x 2.5"W x 1.4"H

- Efficiency: 70% Typical



Part No.	Manufacturer	Product No.	Power (W)	Output Voltage (VDC)	Current (A)	Ripple (mVp-p)	Line Regulation	Load Regulation	1	5	25	100
228831PC	Phihong	PSA21R-050	15.0	5.0	3.0	50	$\pm 1\%$	$\pm 2\%$	\$27.95	\$25.15	\$22.65	\$20.39
228849PC	Phihong	PSA21R-120	20.0	12.0	1.67	120	$\pm 1\%$	$\pm 2\%$	27.95	25.15	22.65	20.39
228857PC	Phihong	PSA21R-150	20.0	15.0	1.33	150	$\pm 1\%$	$\pm 2\%$	27.95	25.15	22.65	20.39
229745PC	Phihong	PSA21R-180	20.0	18.0	1.11	180	$\pm 1\%$	$\pm 2\%$	27.95	25.15	22.65	20.39
228873PC	Phihong	PSA21R-240	20.0	24.0	0.83	240	$\pm 1\%$	$\pm 2\%$	27.95	25.15	22.65	20.39

AC Plugs and Plug Kits (sold separately)

Part No.	Manufacturer	Product No.	Description	1	10	50	100
229155PC	Phihong	RPA	USA Plug	\$.53	\$.51	\$.50	\$.49
229163PC	Phihong	RPE	European Plug	.61	.59	.58	.57
229171PC	Phihong	RPK	UK Plug	.99	.97	.94	.91
229180PC	Phihong	RPKIT	Kit w/ RPA/RPE/RPK/RPS (AUST)	2.65	2.39	2.32	2.25



AC-to-DC Regulated Wall Adapters

We specialize in Wall Adapters – Call for additional OEM PRICING.



164101PC



171301PC



We will change any power plug (pg 58)
on any DC wall adapter listed (100 pc. minimum).



216442PC



174879PC

Polarity 1 (+) (center negative) Female Male Polarity 2 (-) (center positive)

2-Wire AC Input – Regulated

Part Number	Manufacturer	Product Number	Output Rating		Output Plug ID x OD Plug Type / Polarity F = female; M = male	Input VAC @ Hz	Size (+0%-20%) H" x W" x D"	Case Color	Output Cord Length	Weight (lbs.)	Agency Approvals	Pricing			
			Voltage (VDC)	Current (mA)								1	10	50	100
164101PC	Jameco	DCR505F12	5	500	2.1mm x 5.5mm F 2	120@60	2.8 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	\$8.95	\$8.09	\$7.25	\$6.55
220935PC	Jameco	DDU050060	5	600	2.1mm x 5.5mm F 1	120@60	2.7 x 2.2 x 1.9	Black	6'	0.8	UL/CUL	13.25	12.35	10.58	10.35
230543PC	Phihong	PSA05A-050	5	1000	2.1mm x 5.5mm F 2	90-264@47-63	2.4 x 1.8 x 1.0	Black	6'	0.4	UL/CUL	16.39	14.75	13.29	13.29
171301PC	Imitation	JOD48U08	5	1000	2.1mm x 5.5mm F 2	120@60	3.1 x 2.9 x 2.0	Black	6'	1.0	UL/CUL	10.95	9.89	8.89	7.99
196411PC	Jameco	DCR510F12V	5	1000	2.1mm x 5.5mm F 2	120@60	3.3 x 2.2 x 1.9	Ivory	6'	1.0	UL/CUL	10.95	8.79	6.59	4.65
225995PC	Delta Electronics	ADP-5DB	5	1000	2.5mm x 5.5mm F 2	100-120@50-60	2.5 x 1.8 x 1.1	Black	6'	0.2	UL	10.95	9.89	8.89	7.99
168604PC	ITE Power Supply	RWP480505	5	1000	2.5mm x 5.5mm F 2	120@60	3.3 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	10.95	9.89	8.89	7.99
216442PC	AK II Power Supply	A05C1-05MP	5	1600	2.5mm x 5.5mm F 2	100-240@50-60	2.2 x 1.8 x 1.1	Black	6'	0.4	UL/CUL/CE	12.95	11.65	10.49	9.49
228881PC	Phihong	PSC10A-050	5	2000	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	12.95	11.65	10.49	9.45
228726PC	ORB	777-052000S-UF	5	2000	2.1mm x 5.5mm F 2	100@50-60	3.1 x 2.1 x 1.5	Black	5'	0.5	UL/CUL	12.95	10.35	7.79	5.49
189190PC	Interex	EPA101MU-05B	5	2000	2.5mm x 5.5mm F 1	100-240@50-60	3.2 x 2.8 x 1.3	Black	6'	0.4	UL/CUL	12.95	10.25	7.75	5.45
210892PC	Interex	EPA101MU	5	2000	2.5mm x 5.5mm F 2	100-240@50-60	3.2 x 2.4 x 1.3	Black	6'	0.4	UL/CUL	12.95	11.69	9.35	6.99
228937PC	Phihong	PSC15A-050	5	3000	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	13.95	12.55	11.29	10.19
190511PC	Salom Electric	SADB-0885	6	200	2.1mm x 5.5mm F 2	115@60	2.6 x 1.8 x 1.5	Black	6'	0.4	UL/CUL	5.95	5.39	4.35	3.25
190529PC	NOMA	AD9123	9	250	2.5mm x 5.5mm right angle F 2	120@60	2.5 x 2.0 x 1.6	Black	12'	0.5	UL/CSA	5.69	5.15	4.55	3.95
228890PC	Phihong	PSC10A-090	9	1100	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	12.95	11.65	10.49	9.45
228945PC	Phihong	PSC15A-090	9	1600	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	13.95	12.55	11.29	10.19
161550PC	Mean Well	WA15090R	9	1670	2.1mm x 5.5mm F 2	100-120@60	2.9 x 2.0 x 1.6	Black	6'	0.4	UL/CUL	13.95	12.59	11.35	10.19
227782PC	Mean Well	KWM020-09B	9	1670	2.1mm x 5.5mm F 2	90-264@47-63	1.6 x 2.0 x 2.9	Black	6'	0.4	UL/CSA	13.95	12.59	11.35	10.19
220898PC	Jameco	DCU120020	12	200	2.1mm x 5.5mm F 1	120@60	2.5 x 2.0 x 1.7	Black	6'	0.5	UL/CUL	7.39	6.89	5.95	5.79
230551PC	Phihong	PSA05A-120	12	420	2.1mm x 5.5mm F 2	90-264@47-63	2.4 x 1.8 x 1.0	Black	6'	0.4	UL/CUL	16.39	14.75	13.29	13.29
162996PC	Jameco	DCR1205F12	12	500	2.1mm x 5.5mm F 2	120@60	3.2 x 2.2 x 1.9	Black	6'	0.9	—	8.95	8.09	7.25	6.55
229753PC	Phihong	PSC10A-120	12	830	2.1mm x 5.5mm F 2	90-132@ 57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	12.95	11.65	10.49	9.45
170245PC	Jameco	DCR1210F12	12	1000	2.1mm x 5.5mm F 2	120@60	3.2 x 2.3 x 2.0	Black	6'	1.2	—	13.95	12.59	11.35	10.19
228953PC	Phihong	PSC15A-120	12	1250	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	13.95	12.55	11.29	10.19
220687PC	Mean Well	L15D12B-P1J	12	1250	2.1mm x 5.5mm F 2	90-264@50-60	3.1 x 2.2 x 1.2	Black	6'	0.4	UL/CSA/TUV	12.29	11.09	9.95	8.95
183433PC	Mean Well	WA15-120	12	1250	2.5mm x 5.5mm F 2	100-120@60	3.0 x 1.6 x 2.5	Black	6'	0.4	UL/CUL	14.95	13.49	12.15	10.95
210809PC	Marconi	SC102TA1200-B02	12	1500	2.1mm x 5.5mm F 2	100-240@47-63	2.9 x 2.0 x 2.6	Black	10'6"	0.6	UL/CUL	14.95	11.99	8.99	6.29
228911PC	Phihong	PSC10A-150	15	670	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	12.95	11.65	10.49	9.45
224590PC	Mean Well	L15D15B-P1J	15	1000	2.1mm x 5.5mm F 2	90-264@50-60	3.2 x 2.2 x 1.3	Black	6'	0.5	UL/CSA	12.29	11.09	9.95	8.95
228961PC	Phihong	PSC15A-150	15	1000	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	13.95	12.55	11.29	10.19
168487PC	Mean Well	KWM020188	18	1000	2.1mm x 5.5mm F 2	100-240@50-60	2.9 x 1.9 x 1.6	Black	6'	0.4	UL/CUL	17.95	16.19	14.55	13.09
203158PC	Regal Electronics	RJK-24251-N	24	250	2.1mm x 5.5mm F 2	120@60	3.2 x 2.2 x 1.9	Black	6'	1.3	—	6.95	6.25	5.59	4.95
228929PC	Phihong	PSA10A-240	24	420	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	12.95	11.65	10.49	9.45
174861PC	Jameco	DCR2405F12	24	500	2.1mm x 5.5mm F 2	120@60	3.4 x 2.7 x 2.2	Black	6'	1.3	—	11.95	10.79	9.69	8.75
174879PC	Jameco	DCR2405F52	24	500	2.5mm x 5.5mm F 2	120@60	3.4 x 2.7 x 2.2	Black	6'	1.3	—	11.95	10.79	9.69	8.75
228970PC	Phihong	PSA15A-240	24	620	2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	13.95	12.55	11.29	10.19

AC-to-DC Unregulated Wall Adapters

We will change any power plug (pg 58) on any DC wall adapter listed (100 pc. minimum).



Input: 120VAC @ 60Hz

Polarity 1 (+) (center negative) Female Male Polarity 2 (-) (center positive)

2-Wire AC Input – Unregulated

Part Number	Manufacturer	Product Number	Output Rating		Output Plug ID x OD Plug Type / Polarity F = female; M = male	Size (+0%-20%) H" x W" x D"	Case Color	Output Cord Length	Weight (lbs.)	Agency Approvals	Pricing			
			Voltage (VDC)	Current (mA)							1	10	50	100
112070PC	Jameco	DC502F5	5	225	2.5mm x 5.5mm F 2	1.9 x 2.2 x 2.0	Black	7'	0.3	UL/CSA	\$7.29	\$6.59	\$5.95	\$5.35
155601PC	Jameco	DC510F1	5	1000	2.1mm x 5.5mm F 2	2.6 x 2.0 x 1.7	Black	6'	0.7	UL/CSA	5.95	4.95	4.29	3.85
219651PC	—	FE4823-050E120	5	1200	2.5mm x 5.5mm F 2	3.5 x 2.4 x 1.9	Black	6'	1.2	UL/CUL	5.95	5.29	4.79	3.89
119255PC	Jameco	DC605F11	6	500	2.1mm x 5.5mm F 1	2.3 x 1.8 x 1.8	Black	6'	0.6	UL/CUL	3.95	3.59	3.25	2.89
101266PC	Jameco	DC605F12	6	500	2.1mm x 5.5mm F 2	2.4 x 1.9 x 1.6	Black	6'	0.4	UL/CSA	3.95	3.59	3.25	2.89

AC-to-DC Wall Adapters continued on page 54 - 56

AC-to-DC Unregulated Wall Adapters



We specialize in Wall Adapters – Call for additional OEM PRICING.



We will change any power plug (pg 58)
on any DC wall adapter listed (100 pc. minimum).



169519PC



100853PC



100175PC



127976PC

Polarity 1 ⊕ ⊖ ⊖ (center negative) Female Male

Polarity 2 ⊖ ⊖ ⊕ (center positive)

• Input: 120VAC @ 60Hz

2-Wire AC Input – Unregulated

Part Number	Manufacturer	Product Number	Output Rating		Output Plug ID x OD Plug Type / Polarity F = female; M = male	Size (+0%-20%) H" x W" x D"	Case Color	Output Cord Length	Weight (lbs.)	Agency Approvals	Pricing			
			Voltage (VDC)	Current (mA)							1	10	50	100
15544PC	Jameco	DC605M3	6	500	3.5mm M 2	2.4 x 1.9 x 1.6	Black	6'	0.4	UL/CSA	\$3.95	\$3.59	\$3.25	\$2.89
201451PC	APX Technologies	AP4733	6	700	2.1mm x 5.5mm F 2	2.6 x 1.9 x 1.4	Black	6'	0.5	UL/CUL	4.95	3.95	2.95	2.19
147707PC	Jameco	DC608F1	6	800	2.1mm x 5.5mm F 2	2.3 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	4.95	4.49	4.05	3.65
220943PC	Jameco	DCU060120	6	1200	2.1mm x 5.5mm F 1	2.5 x 2.0 x 1.7	Black	6'	0.7	UL/CUL	7.85	7.25	6.59	6.25
227951PC	—	JOD-48U-33	6	2100	2.1mm x 5.5mm F 2	3.3 x 2.2 x 1.9	Black	6'	1.3	UL/CUL	7.95	7.15	6.45	5.79
220951PC	Jameco	DCU075100	7.5	1000	2.1mm x 5.5mm F 1	2.5 x 2.0 x 1.7	Black	6'	0.6	UL/CUL	9.19	8.59	7.55	7.19
196761PC	Vottek	8233	7.5	1100	2.1mm x 5.5mm F 2	2.1 x 1.9 x 1.0	Black	6'	0.2	UL/CSA	6.49	5.19	3.89	2.75
230623PC	—	MKD-48752100	7.5	2100	2.1mm x 5.5mm F 2	3.3 x 2.2 x 1.9	Black	6'	1.3	UL/CUL	7.95	7.15	6.45	5.79
127511PC	Jameco	DC810F1	8	1000	2.1mm x 5.5mm F 2	3.1 x 2.5 x 2.1	Black	6'	1.3	UL	7.95	7.19	6.45	5.85
134025PC	Jameco	DC902F11	9	200	2.1mm x 5.5mm F 1	2.1 x 1.7 x 1.6	Black	6'	0.4	UL/CSA	4.95	4.49	3.95	3.59
100845PC	Jameco	DC902F12	9	200	2.1mm x 5.5mm F 2	2.1 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	3.95	3.59	2.89	2.15
100837PC	Jameco	DIA3590	9	200	3.5mm M 2	2.6 x 1.8 x 1.6	Black	6'	0.4	UL/CSA	3.95	3.59	3.25	2.95
191767PC	—	CTPS350903002C0	9	300	1.3mm x 3.5mm right angle F 2	2.3 x 1.8 x 1.5	Black	6'	0.4	UL/CSA	3.69	3.39	2.69	1.99
133891PC	—	DC903F1	9	300	2.1mm x 5.5mm F 2	2.0 x 1.5 x 1.5	Black	6'	0.4	UL/CSA	3.95	3.59	2.85	2.15
189237PC	ACI World	35-9-300C	9	300	2.5mm x 5.5mm F 2	2.2 x 1.7 x 1.4	Black	6'	0.4	UL/CSA	4.25	3.59	2.95	2.35
216469PC	Everglow	D350900300U	9	300	2.5mm x 5.5mm F 1	2.4 x 1.7 x 1.7	Black	6'	0.4	UL/CUL	3.95	3.59	3.25	2.89
169519PC	Panasonic	KX-TCA1	9	350	2.1mm x 5.5mm right angle F 1	2.7 x 1.7 x 1.6	Dk. Gray	6'	0.4	UL/CSA	4.49	4.05	3.25	2.45
202155PC	Jameco	DC9035F12	9	350	2.1mm x 5.5mm F 2	3.2 x 2.4 x 2.0	Black	6'	0.3	UL/CUL	2.95	2.65	2.39	2.15
140636PC	Jameco	DC904F5	9	400	2.5mm x 5.5mm F 2	2.6 x 2.0 x 2.0	Black	6'	0.6	UL/CSA	4.19	3.79	3.39	3.05
202171PC	Jameco	DC9045F12	9	450	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.5	UL/CUL	3.95	3.59	3.25	2.89
163627PC	Jameco	DC905F11	9	500	2.1mm x 5.5mm F 1	2.5 x 1.9 x 1.7	Black	6'	0.6	UL/CSA	5.49	4.95	4.45	3.95
170270PC	Panasonic	PQLV1	9	500	2.1mm x 5.5mm right angle F 1	2.7 x 1.9 x 1.8	Gray	6'	0.6	UL/CSA	3.95	3.59	3.25	2.89
100853PC	Jameco	DC905F12	9	500	2.1mm x 5.5mm F 2	2.5 x 1.9 x 1.7	Black	6'	0.6	UL/CSA	4.49	4.05	3.65	3.29
147731PC	Global Village	43-1125	9	500	2.1mm x 5.5mm F 2	2.6 x 2.0 x 1.7	Beige	6'	0.6	UL/CSA	5.39	4.65	4.15	3.85
180540PC	Mitsubishi	FZ1729A	9	500	2.5mm x 5.5mm right angle F 2	2.4 x 1.2 x 1.6	Black	6'	0.4	UL/CSA	4.49	4.05	3.65	3.29
15561PC	—	DC905M3	9	500	3.5mm M 2	2.5 x 2.0 x 1.6	Black	6'	0.5	UL/CSA	4.69	3.76	3.28	3.15
202180PC	Jameco	DC906F12	9	600	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	4.49	4.05	3.65	3.29
100175PC	Jameco	DC906F5	9	600	2.5mm x 5.5mm F 2	2.5 x 1.9 x 1.8	Black	6'	0.6	UL/CSA	5.49	4.75	4.25	3.95
202198PC	Jameco	DC908F12	9	800	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	6.95	6.29	5.25	3.69
164929PC	CUI Stack	48-9-900D	9	900	2.1mm x 5.5mm F 1	2.7 x 2.3 x 1.8	Black	6'	0.9	UL/CUL	7.95	7.15	5.75	4.29
100888PC	Everglow	DDU090100	9	1000	2.1mm x 5.5mm F 2	2.6 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	7.95	7.19	6.45	5.79
227774PC	GTE	ADP2108GT	9	1000	2.1mm x 5.5mm right angle F 2	2.5 x 2.2 x 1.9	Black	6'	0.9	UL/CUL	7.95	7.15	6.45	5.79
127503PC	Atari	DC910F5	9	1000	2.5mm x 5.5mm F 2	2.6 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	7.49	6.75	5.39	4.05
15587PC	Atari	PAG1200	9	1000	3.5mm M 2	2.6 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	7.95	7.19	5.75	4.29
130526PC	Jaguar	DC912F11	9	1200	2.1mm x 5.5mm F 1	2.4 x 2.0 x 1.8	Black	6'	1.0	UL/CSA	8.95	8.09	7.29	6.59
143693PC	Jameco	DC915F1	9	1500	2.1mm x 5.5mm F 2	3.3 x 2.5 x 2.3	Black	6'	1.3	UL/CSA	9.95	8.99	7.19	5.39
163993PC	Jameco	DC1202F11R	12	200	2.1mm x 5.5mm right angle F 1	2.4 x 1.7 x 1.6	Black	6'	0.4	UL/CSA	4.25	3.85	3.45	3.09
100095PC	Jameco	DC1202F1	12	200	2.1mm x 5.5mm F 2	2.1 x 1.8 x 1.5	Black	6'	0.4	UL/CSA	3.95	3.49	3.06	2.75
158043PC	Jameco	DC1202F12R	12	200	2.1mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	3.95	3.55	3.19	2.89
220433PC	Jameco	DBU120020	12	200	2.5mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5	Lt. Gray	6'	0.4	UL/CSA	3.89	3.49	3.15	2.85
185658PC	—	DV1220DCB	12	200	2.5mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	4.25	3.89	3.09	2.35
211238PC	Quotrek	35D-12-250	12	250	2.5mm right angle M 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	3.95	3.55	3.19	2.89
219601PC	Jameco	DCU120025	12	250	Stripped & tinned	2.5 x 2.0 x 1.7	Dk. Gray	6'	0.4	UL/CUL	3.95	3.55	3.25	2.85
163491PC	—	AD1230	12	300	Connector end may vary	2.2 x 2.2 x 1.6	Black	6'	0.5	UL/CSA	4.29	3.89	3.49	3.09
201099PC	—	SPN4230A	12	300	1.3mm x 3.5mm right angle F 2	2.3 x 2.0 x 1.7	Black	6'	0.5	UL/CSA	4.49	4.09	3.29	2.45
127976PC	Xircom	DC1203F12	12	300	2.1mm x 5.5mm F 2	2.6 x 1.8 x 1.6	Black	6'	0.7	UL/CSA	4.75	4.25	3.79	3.49
190043PC	Xircom	41-2-15	12	300	2.5mm x 5.5mm right angle F 2	2.9 x 2.0 x 1.6	Black	6'	0.5	UL/CSA	4.49	4.09	3.29	2.45
190502PC	Lucent Tech.	DV1140DC	12	400	2.1mm x 5.5mm right angle F 2	2.6 x 2.1 x 1.9	Black	6'	0.5	UL/CUL	5.95	5.39	4.85	4.35
114825PC	Jameco	DC1205ST	12	500	Connector end may vary	2.5 x 2.0 x 1.7	Black	6'	0.6	CUL	4.75	4.35	3.45	2.59
15368PC	Jameco	DC1205F11	12	500	2.1mm x 5.5mm F 1	2.5 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	6.49	5.85	5.29	4.75

AC-to-DC Wall Adapters continued on page 53 - 57

We specialize in Wall Adapters – Call for additional OEM PRICING.



15392PC



213559PC



We will change any power plug (pg 58)
on any DC wall adapter listed (100 pc. minimum).



101291PC



211051PC

Polarity 1 (+) (center negative)



Female



Male

Polarity 2 (center positive)

SALE

• Input: 120VAC @ 60Hz

2-Wire AC Input – Unregulated

Part Number	Manufacturer	Product Number	Output Rating		Output Plug ID x OD Plug Type / Polarity F = female; M = male	Size (+0%-20%) H" x W" x D"	Case Color	Output Cord Length	Weight (lbs.)	Agency Approvals	Pricing			
			Voltage (VDC)	Current (mA)							1	10	50	100
102496PC	ITE Power Supply	DC1205F12	12	500	2.1mm x 5.5mm F 2	2.5 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	\$4.95	\$3.99	\$2.99	\$2.09
131300PC	Jameco	SCP41	12	500	2.1mm x 5.5mm right angle F 2	2.6 x 1.9 x 1.7	Beige	6'	0.6	UL/CSA	4.95	4.49	4.05	3.65
200125PC	Noostuff Inc.	DV1250	12	500	2.5mm x 5.5mm F 1	2.4 x 2.0 x 1.6	Black	6'	1.0	UL/CSA	4.95	4.49	3.59	2.69
102277PC	Jameco	DC1205F5	12	500	2.5mm x 5.5mm F 2	2.5 x 2.1 x 1.7	Black	6'	0.6	UL/CSA	4.95	4.49	4.05	3.65
17267PC	Jameco	DC1205M3	12	500	3.5mm M 2	2.5 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	4.95	4.49	4.05	3.65
202201PC	Jameco	DC1206F12	12	600	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	4.69	4.25	3.85	3.45
202219PC	Jameco	DC120F12	12	700	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	5.79	4.65	3.49	2.45
117479PC	Jameco	DC1208F1	12	800	2.1mm x 5.5mm F 2	3.0 x 2.3 x 2.0	Black	6'	0.9	UL/CSA	6.95	6.29	5.65	5.09
181711PC	Baknor	48D12800B	12	800	2.1mm x 5.5mm F 2 (240VAC input; UK Plug)	3.2 x 2.2 x 2.2	Black	6'	1.1	CE/TUV	\$6.95	3.95	3.55	3.19
129331PC	Jameco	48-12-800	12	800	2.5mm x 5.5mm F 2	3.0 x 2.3 x 2.0	Black	6'	0.9	UL/CSA	5.49	4.95	4.45	4.05
211051PC	Calrad	DV-1280 Dual	12	800	2.5mm x 5.5mm rt angle F 2 w/ input switch	2.6 x 2.4 x 1.9	Black	6'	0.9	—	5.39	4.85	4.35	3.95
121232PC	Jameco	DC1208M3	12	800	3.5mm M 2	2.6 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	5.95	5.39	4.49	3.19
100870PC	Jameco	DC1210F1	12	1000	2.1mm x 5.5mm F 2	3.1 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	7.95	6.95	6.25	5.59
105478PC	Superworld	DC1210F5	12	1000	2.5mm x 5.5mm F 2	3.1 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	\$8.95	6.95	6.25	5.59
199566PC	Superworld	WK1201A01DN	12	1000	2.5mm x 5.5mm F 2 (w/ RF filter)	3.2 x 2.2 x 2.0	Black	6'	1.2	UL/CSA	5.95	5.39	4.35	3.25
189579PC	Fellowes	BCU12100	12	1000	2.5mm x 5.5mm right angle F 2	3.2 x 2.2 x 1.9	Black	6'	1.0	UL/CSA	7.95	7.19	5.75	4.35
15392PC	Jameco	DC1210M3	12	1000	3.5mm M 2	3.3 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	7.19	6.49	5.85	5.25
213559PC	—	GPC-081	12	1000	Auto lighter power outlet	4.3 x 2.2 x 1.9	Black	—	1.1	UL/CUL	14.95	13.49	12.19	10.95
196779PC	Jameco	D1212950	12	1200	2.5mm x 5.5mm F 2	3.0 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	7.79	6.95	6.29	5.69
235096PC	—	DSA-0151A-12S	12	1250	2.1mm x 5.5mm F 2	3.2 x 2.1 x 1.4	Black	6'	0.3	UL/CUL	13.49	12.15	10.95	9.85
189325PC	KCS Industries	57D12-1500	12	1500	Stripped and tinned (w/ on-off switch)	3.4 x 2.6 x 2.2	Black	8'	1.5	UL	9.95	8.99	7.19	5.39
203035PC	Brother	A41215	12	1500	2.1mm x 5.5mm F 1	3.6 x 2.5 x 1.9	Black	6'	1.5	UL/CSA	12.95	11.69	9.35	6.99
136881PC	Leader Electronics	DC1215F1	12	1500	2.1mm x 5.5mm F 2	3.4 x 2.7 x 2.2	Black	6'	1.5	UL	12.95	11.69	10.55	9.45
101291PC	KCS Industries	DC1215F5	12	1500	2.5mm x 5.5mm F 2	3.4 x 2.7 x 2.2	Black	6'	1.5	UL	\$10.95	9.95	8.99	8.09
189211PC	ACI World	57-12-1500D	12	1500	8-pin mini DIN M	3.4 x 2.6 x 2.2	Black	3'4"	1.7	UL/CUL	4.95	4.49	3.59	2.69
192786PC	—	MK135100	13.5	1000	2.1mm x 5.5mm F 1	2.9 x 2.3 x 2.0	Black	6'	1.0	UL	8.95	8.09	6.45	4.85
210817PC	ORA Electronics	MK135100-1	13.5	1000	2.1mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.0	UL	9.95	8.99	7.19	5.39
212812PC	Jameco	DC1402F12	14	200	2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.8	UL/CUL	\$4.99	3.95	3.59	3.25
212821PC	Jameco	DC1403F12	14	300	2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.8	UL/CUL	4.95	4.49	3.95	3.59
129314PC	—	DV-1250	14	360	2.5mm x 5.5mm right angle F 2	2.3 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	4.95	4.49	3.59	2.69
212839PC	Jameco	DC1405F12	14	500	2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.8	UL/CUL	4.95	4.49	4.05	3.65
123932PC	Jameco	DC1407F1	14	700	2.1mm x 5.5mm F 2	2.6 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	8.49	7.65	6.89	6.19
202243PC	Everglow	DC1407F52	14	700	2.5mm x 5.5mm F 2	3.9 x 2.9 x 2.4	Black	6'	0.8	UL/CUL	7.25	6.55	5.89	5.29
202251PC	Jameco	DC1408F12	14	850	2.1mm x 5.5mm F 2	3.9 x 2.9 x 2.4	Black	6'	0.8	UL/CUL	\$7.99	5.39	4.85	4.35
202260PC	Jameco	DC1410F12	14	1000	2.1mm x 5.5mm F 2	3.9 x 2.9 x 2.4	Black	6'	0.9	UL/CUL	7.95	6.95	6.25	5.59
190001PC	Jameco	DC1505F1	15	500	2.1mm x 5.5mm F 2	2.3 x 2.4 x 1.9	Black	6'	0.8	UL/CSA	6.95	6.29	5.65	5.09
189982PC	Jameco	DC1505F5	15	500	2.5mm x 5.5mm F 2	2.3 x 2.4 x 1.9	Black	6'	0.8	UL/CSA	6.95	6.29	5.05	3.79
155803PC	Jameco	DC1506F11	15	600	2.1mm x 5.5mm F 1	2.9 x 2.3 x 1.9	Black	6'	1.0	UL/CSA	8.95	8.09	7.25	6.55
232258PC	Horizon	DDU150080	15	800	2.1mm x 5.5mm F 1	2.9 x 2.3 x 1.9	Black	6'	1.0	UL	9.49	8.55	7.69	6.95
203502PC	Jameco	48150900	15	900	2.5mm x 5.5mm F 2	2.6 x 2.2 x 1.9	Black	6'	1.0	UL/CSA	6.95	6.25	5.49	4.75
151992PC	Jameco	AD-SS-2	15	1000	2.1mm x 5.5mm F 1	3.1 x 2.0 x 1.9	Beige	6'	1.5	UL/CSA	9.69	8.69	7.85	6.19
191652PC	Jameco	DC1510F12	15	1000	2.1mm x 5.5mm F 2	3.3 x 2.2 x 1.9	Black	6'	1.0	UL/CSA	9.59	8.65	7.79	6.99
203511PC	LZR	AD1590	15	900	6-pin mini DIN M	2.6 x 2.3 x 1.9	Black	6'	1.0	UL/CSA	4.29	3.89	3.55	3.25
220901PC	Drake	3690454	16	250	Stripped & tinned	2.2 x 2.1 x 1.6	Black	6'	0.8	UL/CSA	5.95	5.35	4.85	4.35
162317PC	Jameco	DC1605F1	16	500	2.1mm x 5.5mm F 2	2.2 x 2.4 x 1.9	Black	6'	0.8	UL/CSA	7.95	6.95	6.25	5.59

AC-to-DC Wall Adapters continued on page 54 - 57

For Medical and Interchangeable Plug Wall Adapters see page 52

AC-to-DC Unregulated Wall Adapters (Continued)



We specialize in Wall Adapters – Call for additional OEM PRICING.



We will change any power plug (pg 58)
on any DC wall adapter listed (100 pc. minimum).



217541PC



163643PC



117321PC



123158PC

Polarity 1 (+) (center negative)



Polarity 2 (center positive)

• Input: 120VAC @ 60Hz

2-Wire AC Input – Unregulated

Part Number	Manufacturer	Product Number	Output Rating		Output Plug ID x OD Plug Type / Polarity F = female; M = male	Size (+0%-20%) H" x W" x D"	Case Color	Output Cord Length	Weight (lbs.)	Agency Approvals	Pricing			
			Voltage (VDC)	Current (mA)							1	10	50	100
217541PC	NiteRider	FE4116168C030	16.8	300	2.5mm x 5.5mm F 2 w/ LED indicator	3.1 x 2.1 x 1.6	Black	6'	0.6	UL/CUL	\$5.95	\$5.35	\$4.85	\$4.35
181729PC	Jameco	CXV18250	18	250	2.1mm x 5.5mm F 2	2.6 x 2.0 x 1.6	Black	6'	0.6	UL	6.95	6.29	5.65	5.09
217568PC	NiteRider	FE4126180P040	18	400	2.5mm x 2.5mm F 2 w/ LED indicator	3.5 x 2.1 x 1.6	Black	6'	0.8	UL/CUL	6.95	5.59	4.19	2.95
163272PC	Jameco	48-18-500D	18	500	2.1mm x 5.5mm F 2	2.6 x 2.3 x 1.9	Black	6'	0.8	UL/CUL	9.95	8.99	8.09	7.25
206957PC	Globtek	WD1H1000LCX	18	1000	2.5mm x 5.5mm F 2	3.4 x 2.6 x 2.1	Black	6'	1.4	---	9.95	8.99	7.19	5.39
102285PC	Jameco	DC2404F1	24	400	2.1mm x 5.5mm F 2	3.0 x 2.3 x 2.0	Black	6'	0.9	UL/CUL	7.95	7.19	6.45	5.85
163635PC	Jameco	DC2405F11	24	500	2.1mm x 5.5mm F 1	3.1 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	8.95	8.09	7.25	6.55
191556PC	Jameco	DC2405F5	24	500	2.5mm x 5.5mm F 2	3.1 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	8.95	8.09	7.29	6.55
139088PC	Jameco	DC2405M3	24	500	3.5mm M 2	3.1 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	7.95	7.19	5.75	4.29
196322PC	3Com	P48240600A020G	24	600	2.1mm x 5.5mm F 2	3.3 x 2.3 x 1.9	Black	6'	1.1	UL/CSA	8.95	8.09	7.29	6.55
168495PC	Jameco	DC2408F1	24	800	2.1mm x 5.5mm F 2	2.9 x 1.9 x 1.6	Black	6'	0.4	UL/CUL/TUV	10.95	9.89	8.89	7.99
220960PC	Jameco	DFU240100	24	1000	2.1mm x 5.5mm F 1	3.4 x 2.7 x 2.2	Black	6'	1.6	UL/CUL	13.89	12.95	11.39	10.89
163651PC	Jameco	DC2412F11	24	1200	2.1mm x 5.5mm F 1	3.8 x 3.0 x 2.6	Black	6'	2.0	---	14.95	13.49	12.15	10.95
163643PC	Jameco	DC2412F12	24	1200	2.1mm x 5.5mm F 2	3.8 x 3.0 x 2.6	Black	6'	2.0	---	14.95	13.49	12.15	10.95
117321PC	Jameco	DC2412F5	24	1200	2.5mm x 5.5mm F 2	3.8 x 3.0 x 2.6	Black	6'	2.0	---	14.95	13.49	12.15	10.95
121241PC	Jameco	DC2412M3	24	1200	3.5mm M 2	3.4 x 2.7 x 2.2	Black	6'	2.0	---	12.95	11.49	9.95	8.95
199523PC	Jameco	DDU300050	30	500	2.5mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.1	UL/CUL	9.95	8.95	7.95	6.95
215095PC	---	MW48-4800250	48	250	2.5mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.1	UL/CUL	7.95	7.15	6.49	5.79
230631PC	---	MW48-4800250-2.1	48	250	2.1mm x 5.5mm F 2	3.3 x 2.7 x 2.2	Black	6'	1.1	UL/CUL	8.95	8.09	7.25	6.55
215108PC	---	MW48-4800500	48	500	2.5mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.1	UL/CUL	10.95	9.85	8.85	7.95
230640PC	---	MW48-480500-2.1	48	500	2.1mm x 5.5mm F 2	3.3 x 2.7 x 2.2	Black	6'	1.1	UL/CUL	11.95	10.75	9.69	8.95
15309PC	Mean Well	DCM05	3, 4.5, 6, 7.5, 9, 12	500	1.35 x 3.5, 2.1 x 5.0, 2.5 x 5.5 female 2.5, 3.5 male, 9V battery snap (LED ind.)	3.0 x 2.2 x 2.1	Black	6'	0.7	UL/CSA	8.95	7.95	6.95	6.25
190641PC	---	DCM08	3, 4.5, 6, 7.5, 9, 12	800	1.5 x 5.5, 2.1 x 5.0, 2.1 x 5.5, 2.5 x 5.5 fem 2.5, 3.5 male, polarity sw. (LED ind.)	3.9 x 2.7 x 2.3	Black	6'	0.9	UL/CSA	7.95	7.19	5.75	4.29
123158PC	ProAm	DCM10 †	1.5, 3, 4.5, 6, 7.5, 9, 12	1000	1.35 x 3.5, 2.1 x 5.0, 2.5 x 5.5 female 2.5, 3.5 male, 9V battery snap (LED ind.)	3.7 x 2.2 x 2.5	Black	6'	0.9	---	9.95	8.95	7.95	6.95

† 120 to 220VAC

AC-to-DC Wall Adapters continued on pages 53- 55

Table-Top AC-to-AC Adapters



176604PC

AC-to-AC Table-Top Step-Down Adapters

• Input voltage: 120VAC @ 60Hz

• Attached AC cord

SALE



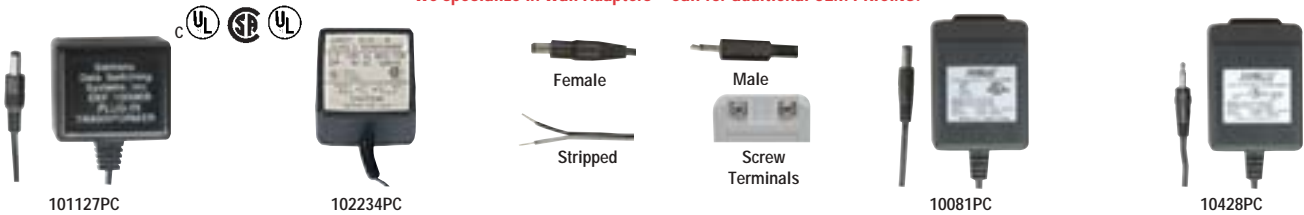
Part Number	Manufacturer	Product Number	Output			Output Plug ID x OD Plug Type	Color	Size (+0%-20%) (L" x W" x H")	Cord (AC/AC)	Wt. (lbs.)	Agency Approvals	Pricing			
			Volts (VAC)	Current (A)	Watts (W)							1	10	50	100
176604PC	Jameco	TA661640	16	4.0	64	2.1mm x 5.5mm female	Black	3.7 x 2.9 x 2.5	6'/6'	2.8	CSA	51.45 \$12.95	\$11.49	\$9.95	\$8.95
147310PC	Ault	0931RB	24	0.70	17	3-pin (0.156") female housing	Black	3.2 x 2.2 x 1.9	6'/6'	1.1	UL	53.95 1.35	1.25	1.15	1.05
152135PC	Harmon/Kardon	100380-001	24	1.46	35	2.1mm x 5.5mm female	Black	3.6 x 2.7 x 2.1	3'5"/5'6"	1.9	UL/CSA	56.95 3.15	2.85	2.59	2.35

AC-to-AC Wall Adapters continued on page 57

30-Day Money-Back Guarantee

If you're not completely satisfied, we'll take it back! Details on page 63.

We specialize in Wall Adapters – Call for additional OEM PRICING.



We will change any power plug (pg 58)
on any wall adapter listed (100 pc. minimum).

• Input: 120VAC @ 60Hz



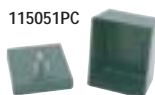
SALE

2-Wire AC Input														
Part Number	Manufacturer	Product Number	Output Rating		Output Plug	Size (+0%-20%) H" x W" x D"	Case Color	Output Cord Length	Weight (lbs.)	Agency Approvals	Pricing			
			Voltage (VAC)	Current (mA)	ID x OD Plug Type F = female; M = male						1	10	50	100
101127PC	Siemens	DFX10096B	7	1500	2.5mm x 5.5mm F	1.9 x 2.2 x 2.0	Black	7' 6"	0.8	UL/CSA	\$4.95	\$4.49	\$3.95	\$3.49
219660PC	Sincore	SLA40810	8	1000	2.1mm x 5.5mm F	2.2 x 2.1 x 1.6	Black	6'	0.7	UL/CSA	4.95	4.45	3.95	3.59
211078PC	DVE	DV-8135A	8.5	1350	2.5mm x 5.5mm F	2.2 x 2.0 x 1.7	Black	6'	0.9	UL/CSA	4.95	4.49	3.95	3.65
219619PC	Jameco	ABU09005	9	50	2.1mm x 5.5mm F	2.2 x 1.8 x 1.5	Black	6'	0.3	UL/CSA	3.29	2.95	2.65	2.39
210729PC	ITE Power Supply	MKA35090300	9	300	2.1mm x 5.5mm F	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CUL	3.95	3.55	2.95	2.49
184751PC	PhoneMate	M/N40	9	450	2.1mm x 5.5mm right angle F	2.8 x 2.0 x 1.7	Black	6'	0.8	UL/CSA	4.95	4.49	3.59	2.69
100061PC	Jameco	AC905F1	9	500	2.1mm x 5.5mm F	2.4 x 2.0 x 1.6	Black	6'	0.6	UL/CUL	5.49	4.59	3.95	3.45
226131PC	US Robotics	AA0950	9	500	2.5mm x 5.5mm F	2.5 x 2.1 x 1.7	Black	6'	0.5	UL/CSA	4.49	3.99	3.65	3.29
119204PC	Sakata INX	A41090800	9	800	2.1mm x 5.5mm F	2.6 x 1.9 x 1.7	Black	6'	0.6	UL	5.49	4.69	4.25	3.79
233293PC	Horizon	ACU090080	9	800	2.1mm x 5.5mm F	2.5 x 2.0 x 1.7	Black	6'	0.6	UL	4.69	4.25	3.79	3.45
236814PC	Jameco	ACU90080	9	800	3.5mm M	2.5 x 2.0 x 1.7	Black	6'	0.5	UL	4.95	4.49	4.05	3.65
102234PC	Everglow	AC910F1	9	1000	2.1mm x 5.5mm F	3.2 x 2.2 x 1.9	Black	6'	0.6	UL/CSA	4.95	4.49	4.05	3.65
157041PC	Jameco	41A9-1000	9	1000	2.5mm x 5.5mm F	2.1 x 2.1 x 1.6	Black	6'	0.6	UL/CSA	6.95	6.29	5.65	5.09
112336PC	Jameco	AC915F5	9	1500	2.5mm x 5.5mm F	2.5 x 2.2 x 2.0	Black	6'	0.9	UL	9.95	7.99	5.99	4.19
217550PC	Frino	FW6798	9	1900	Stripped and tinned	2.8 x 2.5 x 2.0	Black	6'8"	1.1	UL/CSA	8.95	8.09	7.25	6.55
210745PC	Leader Electronics	A4110050T	10	500	2.1mm x 5.5mm F	3.0 x 2.1 x 1.7	Black	6'	0.6	UL/CSA	5.49	4.49	4.05	3.65
101258PC	Jameco	41A12-500	12	500	2.1mm x 5.5mm F	2.8 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	5.49	4.59	4.15	3.65
211271PC	Orig. Ele. Mfg.	AA-1250	12	500	2.5mm x 5.5mm F	2.3 x 2.1 x 1.6	Black	6'	0.6	UL/CSA	4.59	4.15	3.65	3.29
10081PC	Leader Electronics	AC1210F1	12	1000	2.1mm x 5.5mm F	2.6 x 2.4 x 2.0	Black	6'	0.7	UL/CSA	4.95	4.49	3.99	3.59
100167PC	Jameco	AC1210F5	12	1000	2.5mm x 5.5mm F	3.2 x 2.4 x 2.0	Black	6'	0.7	UL/CSA	4.95	4.49	4.05	3.65
10428PC	Jameco	AC1210M3	12	1000	3.5mm M	2.6 x 2.4 x 2.0	Black	6'	0.6	UL/CUL	5.49	4.95	4.49	4.05
167151PC	ITE Power Supply	HET57116	12	1500	2.1mm x 5.5mm F	3.4 x 2.7 x 2.2	Black	6'	1.5	—	4.95	4.49	3.59	2.69
206607PC	Ault	T48-121667-A030C	12	1600	2.5mm x 5.5mm F	2.5 x 2.2 x 2.0	Black	6'	0.9	UL/CUL	9.95	8.99	7.19	5.39
153761PC	Jameco	AC1216M3	12	1600	3.5mm male	2.5 x 2.2 x 1.9	Black	6'	0.9	UL	10.95	9.89	8.89	7.99
206404PC	MG Electronics	MGT1220	12	1670	Screw terminals	3.2 x 2.2 x 1.9	White	—	0.9	UL/CSA	6.95	6.29	5.65	5.09
210737PC	ITE Power Supply	PPI-1212UL	13	1200	2.1mm x 5.5mm F	3.3 x 2.4 x 2.0	Black	6'	0.9	UL/CUL	4.95	4.49	3.59	2.69
171408PC	—	AC1405F1	14	500	2.1mm x 5.5mm F	2.8 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	4.95	4.49	3.95	3.49
171854PC	Racal	DV1485AC	14	850	2.5mm x 5.5mm right angle F	3.0 x 2.0 x 1.7	Black	6'	0.7	UL/CUL	6.95	6.29	5.04	3.79
201101PC	Motorola	SPN4340A	15	200	1.3mm x 3.5mm F	2.2 x 1.8 x 1.5	Black	6'	0.5	UL/CSA	5.49	1.69	1.55	1.39
100108PC	Jameco	AC1610F1	16	1000	2.1mm x 5.5mm F	2.5 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	7.95	7.19	6.45	5.85
163053PC	Jameco	035-0165	16	1100	2.5mm x 5.5mm F	3.2 x 2.3 x 1.8	Black	6'	1.1	UL/CSA	8.95	7.99	7.25	6.55
206412PC	MG Electronics	MGT1620	16.5	1250	Screw terminals	3.2 x 2.2 x 1.9	White	—	0.9	UL/CSA	5.49	5.55	5.05	4.55
227791PC	Ault	T41180500A0206	18	500	2.1mm x 5.5mm F	2.6 x 1.9 x 1.7	Black	6'	1.1	CSA	7.95	7.15	6.45	5.79
121216PC	Jameco	AC1810F1	18	1000	2.1mm x 5.5mm F	3.1 x 2.7 x 1.9	Black	6'	1.1	UL/CUL	8.95	8.09	6.49	4.89
185439PC	Ault	T5182200-A020G	18	1850	2.1mm x 5.5mm right angle F	3.3 x 2.7 x 2.2	Black	6'	1.7	UL/CSA	7.95	7.19	6.49	5.85
206421PC	MG Electronics	MGT2410	24	420	Screw terminals	2.5 x 2.0 x 1.7	White	—	0.6	UL/CSA	8.49	7.65	6.89	6.19
87581PC	Jameco	AC2405F1	24	500	2.1mm x 5.5mm F	2.5 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	5.49	4.95	4.49	3.95
206439PC	MG Electronics	MGT2420	24	830	Screw terminals	3.2 x 2.2 x 1.9	White	—	0.9	UL/CSA	7.19	6.49	5.85	5.25
140599PC	Jameco	AC2410F1	24	1000	2.1mm x 5.5mm F	3.0 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	8.95	8.09	6.49	4.89
10102PC	Jameco	AC2410M3	24	1000	3.5mm male	3.0 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	7.95	7.19	6.45	5.85
176356PC	Jameco	WP573024	24	1250	2.1mm x 5.5mm F	3.4 x 2.7 x 2.2	Black	5'8"	1.6	UL/CSA	10.49	9.45	8.55	7.65

AC-to-DC Wall Adapters continued on pages 53-56

Wall Adapter Enclosures

- Enclosures include 3-prong power plug & cable strain relief
- Size: 3.4"H x 2.7"W x 2.3"D
- Material: noryl
- Color: black



Part No.	Style	1	10	100
115051PC	Non-vented	\$2.25	\$1.95	\$1.69
115043PC	Vented	2.25	1.95	1.69



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Inverters, Power Plugs and Jacks



Male & Female Power Jacks

- Use with mating power plugs, below
- Dimensions do not include barrel



Part Number	Mfr. Cross Ref. No.	Dimensions H x W x D (mm)	Type/ Mount	Circuit/ Terminal	Mating Plug (below)	Pricing			
						1	10	100	1000
1.3 mm Male Jacks									
101194PC	PP024	6.0 x 6.0 x 9.0	8/D	1/B	1.3 mm female	\$.89	\$.80	\$.75	\$.65
2.1 mm Male Jacks									
101178PC	PP014	10.9 x 9.0 x 14.5	1/D	1/A	2.1 mm female	\$.59 .49	.44	.39	.35
137672PC	PP013	10.9 x 9.0 x 14.5	5/D	3/A	2.1 mm female	\$.59 .49	.44	.40	.36
151589PC	DPJ-02IA	13.0 x 12.6 Dia.	7/C	1/A	2.1 mm female	1.09	.93	.70	.65
151554PC	DPJ-026	15.1 x 8.0 Dia.	6/E	1/A	2.1 mm female	1.49	1.25	1.05	.89
159610PC	PJ1014A	35.8 x 12.6 Dia.	10/F	3/A	2.1 mm female	1.49	1.25	1.09	.89
2.5 mm Male Jacks									
109428PC	PJ025PCB	8.0 x 12.0 x 9.6	4/D	1/B	2.5 mm female	*	.17	.15	.13
207714PC	HEC0470	11.0 x 9.0 x 14.5	1/D	1/B	2.5 mm female	.45	.35	.29	.25
101186PC	PP014A	11.0 x 9.0 x 14.5	1/D	1/A	2.5 mm female	.65	.59	.55	.49
151562PC	DPJ-026A	15.1 x 8.0 Dia.	6/E	1/A	2.5 mm female	1.49	1.24	1.13	.99
159505PC	PJ1015A	35.8 x 12.6 Dia.	10/F	3/A	2.5 mm female	1.49	1.35	1.19	.99
202358PC	HD2388	17.0 x 12.0 Dia.	7/C	3/A	2.5 mm female	1.09	.98	.88	.79
3.5 mm Female Jacks									
101143PC	PJ0352	10.0 x 10.0 x 18.5	2/E	2/A	3.5 mm male	*	.20	.18	.16
109495PC	PJ035PM	10.5 x 9.0 x 8.8	3/C	2/A	3.5 mm male	.45	.40	.36	.32
165729PC	PJ0354	8.9 x 5.7 Dia.	9/C	3/A	3.5 mm male	.69	.59	.49	.39

Male & Female Power Plugs

- Use with mating power jacks found in table, above
- Solder eyelets 1mm diameter
- Use with AC/DC wall adapters, pgs 53-57
- Use 24 AWG 2 conductor wire, P/N 100280PC, to make custom length power cables, see www.Jameco.com
- Threaded screw-on housing (strain relief)
- Shield crimp tabs



Part Number	Mfr. Cross Ref. No.	Description Plug ID x OD (mm)	Dimensions (mm) S (shaft) x L x ID (strain relief)	Type	Pricing			
					1	10	100	1000
Female Plug								
71191PC	PP137	1.3 x 3.5	9.6 x 43.9 x 4.8 (black)	1/A	\$.79	\$.71	\$.65	\$.59
191484PC	PP049W	2.1 x 5.5	9.6 x 43.9 x 4.5 (white)	1/A	.79	.69	.59	.45
28759PC	PP049	2.1 x 5.5 (P205)	8.5 x 41.4 x 4.6 (black)	1/A	.59	.49	.39	.29
147328PC	PP049L	2.1 x 5.5 (P205L)	14.0 x 46.4 x 4.6 (black)	1/A	.79	.71	.59	.49
138587PC	PJ021R	2.1 x 5.5 rt. angle	12.0 x 22.5 x 3.9 (black)	1/B	.79	.63	.55	.49
190537PC	PP109S	2.5 x 5.5 (P206S)	9.0 x 43.5 x 4.8 (black)	1/A	.39	.32	.29	.19
28767PC	PP109	2.5 x 5.5 (P206)	10.1 x 45.4 x 4.3 (black)	1/A	.59	.49	.39	.33
191492PC	PP109W	2.5 x 5.5	10.1 x 45.4 x 4.5 (white)	1/A	.69	.62	.50	.37
147336PC	PP109L	2.5 x 5.5 (P206L)	13.6 x 47.5 x 4.8 (black)	1/A	.69	.59	.53	.45
168241PC	PP109N	2.5 x 5.5	13.7 x 36.5 x 3.9 (black)	1/C	.59	.49	.43	.35
Male Plug								
101135PC	PJ1025	2.5 (P201)	11.1 x 49.0 x 4.3 (black)	2/A	.69	.55	.41	.29
147459PC	PJ1025L	2.5 (P201L)	10.5 x 48.0 x 5.0 (black)	2/A	.45	.41	.36	.33
101151PC	PJ1035	3.5 (P202)	13.8 x 51.8 x 4.2 (black)	2/A	.69	.62	.55	.49
147344PC	PJ1035L	3.5 (P202L)	14.1 x 51.0 x 5.2 (black)	2/A	\$.59 .59	.53	.48	.43



DC-AC Inverters

SALE

<ul style="list-style-type: none"> • Input voltage: 12VDC • Output voltage: 115VAC $\pm 5\%$ • Input connector: automobile power plug • Overload and thermal protection • Weight: 2.0 lbs. 					202809PC
202809PC: Size: 4.1"L x 1.5"W x 1.5"H					
<ul style="list-style-type: none"> • Output conn.: 2-prong receptacle • Size: 4.1"L x 1.5"W x 1.5"H 					202817PC
202817PC: Size: 5.1"L x 2.5"W x 1.5"H					
<ul style="list-style-type: none"> • Output conn.: 3-prong receptacle 					
Part No.	Prod. No.	Watts	1	10	25
202809PC	P2	80	\$29.79 \$29.79	\$27.09	\$24.65
202817PC	P4	140	\$39.95 \$39.95	35.95	32.35

140 & 270-Watt DC-AC Inverters

<ul style="list-style-type: none"> • Input voltage: 10-15VDC • Output voltage: 110VAC @ 60Hz • Battery low shutdown • Peak power surge capable • Overload & thermal protection • Wt.: 1.3 lbs. 					188293PC
188293PC: Size: 5.5"L x 2.6"W x 1.6"H					
202016PC: Size: 9.3"L x 4.1"W x 2.2"H					202016PC
Part No.	Description	1	10	25	
188293PC	140W auto plug	.....	\$49.95	\$42.49	\$31.89
202016PC	270W auto/battery clip		64.95	58.49	52.65

Automobile Power Plug & Cord Assembly

<ul style="list-style-type: none"> • Screw assembly with strain relief • Plugs directly into cigarette lighter • Accepts .25" x 1.25" fuse 					124759PC
124759PC: 3' cord pigtail end					
Part No.	Description	1	10	100	
115001PC	W/ 5A/250VAC fuse	.....	\$1.95	\$1.65	\$1.19
124759PC	W/ 3A/250VAC fuse	.....	1.89	1.72	1.69

Automobile Power Plug Splitter

<ul style="list-style-type: none"> • Input: cigarette adapter; non-fused • Splits out into two 5" female automobile type receptacles 					123182PC
Part No.	Description	1	10	50	
123182PC	Power plug splitter	.....	\$4.95	\$4.49	\$3.95

DC-to-DC Power Converter

<p>A high quality 1000mA regulated DC adapter with the ability to convert power from your cigarette lighter plug in 1.5V increments from 1.5V to 9.0V. You may choose from a full range of universal plugs (2.1mm/2.5mm jack/1/8" jack/9V battery snaps) and output polarity (center + or -). Perfect for cassette players, CD players, radios, mini TV's and many other battery run appliances.</p> <ul style="list-style-type: none"> • Two DC output cigarette lighter outlets • Built-in 10A mini blade fuse on plug • Size: 4.9"W x 2.8"D x 1.8"H 					218819PC
218819PC: DC-to-DC Converter					
Part No.	Description	1	10		
218819PC	DC-to-DC Converter	\$14.49	\$12.99	
218801PC	10' Extension cord	6.49	5.99	



163475PC



102921PC

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- Power input by lead wires or terminals
- PBT black thermo plastic frame and impeller
- Agency approved
- Low power consumption
- Low acoustical noise rating



102939PC



104205PC

Part Number	Manufacturer	Product Number	Voltage (VDC)	Size* (W" x H" x D")	Air Flow (CFM)	Bearing	Current (mA)	Power (Watts)	Agency Approvals	Noise (dBA)	Connection (Leads)	Pricing			
												1	10	50	100
163475PC	Nidec	C34427-55APP	5	1.00 x 1.00 x 0.40	0.5	Ball	90	0.45	—	22	2"	\$5.95	\$5.39	\$4.35	\$3.25
131246PC	Adda	AD0205LX-G50	5	1.00 x 1.00 x 0.40	1.8	Sleeve	100	0.5	UL/CSA/CE	15.6	5.5"	\$10.95 7.75	7.65	6.89	6.59
206156PC	Sunon	KDE0502PFB3-8	5	1.00 x 1.00 x 0.40	1.83	Ball	60	0.3	UL/CSA/TUV/CE	23	5"	11.95	10.95	9.95	8.95
196373PC	Sunon	KD0504PFB2-8	5	1.60 x 1.60 x 0.40	5.5	Ball	120	0.4	UL/CUL	23	12"	8.95	8.09	7.25	6.55
102921PC	Sunon	KD0504PFS2-8	5	1.60 x 1.60 x 0.40	6.3	Sleeve	120	0.6	UL/CUL	24.3	12"	7.95	6.95	6.25	5.59
171678PC	Delta	AFB0405HHD	5	1.60 x 1.60 x 0.80	8.6	Ball	700	2.0	—	36	2.5"	6.95	6.25	4.99	3.79
207061PC	Adda	AD0505MB-G90	5	2.00 x 2.00 x 0.40	10.5	Ball	120	0.7	UL/CSA/CE	24	11"	7.95	6.95	6.25	5.59
204433PC	Toyo	USTF802505HW	5	3.15 x 3.15 x 1.00	36	Ball	650	2.0	UL/VDE/CE	29	12"	9.95	8.99	8.09	7.25
212804PC	Sunon	KDE1202PFB3-8	12	1.00 x 1.00 x 0.40	1.3	Ball	40	0.5	UL/CUL/TUV/CE/VDE	26	5.9"	\$11.95 10.95	9.89	8.89	7.99
102912PC	Sunon	KD1202PFB2-8	12	1.00 x 1.00 x 0.40	2.0	Ball	60	0.7	UL/CSA/TUV	30	6"	11.95	8.59	7.95	7.49
212791PC	Sunon	KDE1202PFB1-8	12	1.00 x 1.00 x 0.40	2.4	Ball	80	1.0	UL/CUL/TUV/CE/VDE	33	5.9"	\$10.95 10.95	8.50	7.85	6.95
212767PC	Sunon	KDE1203PFB3-8	12	1.20 x 1.20 x 0.40	2.3	Ball	50	0.6	UL/CUL/TUV/CE/VDE	18.5	5.9"	\$10.95 10.95	8.75	7.85	6.95
212775PC	Sunon	KDE1203PFB2-8	12	1.20 x 1.20 x 0.40	3.0	Ball	60	0.8	UL/CUL/TUV/CE/VDE	25	5.9"	\$11.95 10.95	8.75	7.85	6.95
212783PC	Sunon	KDE1203PFB1-8	12	1.20 x 1.20 x 0.40	3.5	Ball	75	0.9	UL/CUL/TUV/CE/VDE	27	5.9"	\$10.95 10.95	8.50	7.85	6.95
212732PC	Sunon	KDE1235PFB3-8	12	1.40 x 1.40 x 0.40	3.2	Ball	50	0.6	UL/CUL/TUV/CE/VDE	18	5.9"	\$12.95 11.95	10.79	9.69	8.75
212741PC	Sunon	KDE1235PFB2-8	12	1.40 x 1.40 x 0.40	4.5	Ball	60	0.8	UL/CUL/TUV/CE/VDE	21	5.9"	\$11.95 11.95	9.49	8.49	7.65
212759PC	Sunon	KDE1235PFB1-8	12	1.40 x 1.40 x 0.40	5.2	Ball	80	1.0	UL/CUL/TUV/CE/VDE	25	5.9"	\$11.95 11.95	9.49	8.49	7.65
207052PC	Adda	AD0412MB-K90	12	1.60 x 1.60 x 0.25	5.5	Ball	60	0.72	UL/CSA/TUV/CE	25	5"	6.95	6.25	5.59	4.95
191476PC	Common Wealth	FP-108HX/DC	12	1.60 x 1.60 x 0.40	4.0	Sleeve	60	0.72	UL/CSA/TUV/CE	25	12"	5.95	4.79	3.59	2.55
210796PC	Sunon	KD1204PFB3H	12	1.60 x 1.60 x 0.40	4.7	Ball	50	0.6	UL/CUL/TUV/CE	24	14"	6.95	6.25	5.59	4.95
102939PC	Jamicon	JF0410S1H	12	1.60 x 1.60 x 0.40	6.3	Sleeve	110	1.3	UL/CSA/TUV/CE	34.7	10.5"	6.95	6.29	5.65	4.95
189691PC	Sunon	KD1204PFS2	12	1.60 x 1.60 x 0.40	6.3	Sleeve	70	0.9	UL/CSA/TUV	24	12"	7.95	7.19	5.75	4.35
161699PC	Sunon	KD1204PFB2-8	12	1.60 x 1.60 x 0.40	6.3	Ball	70	0.6	UL/CSA/TUV	30	12"	7.95	6.95	6.25	5.59
212716PC	Sunon	KDE1204PFB2-H	12	1.60 x 1.60 x 0.40	6.5	Ball	90	1.1	UL/CUL/TUV/CE/VDE	27	12"	6.65	4.95	4.36	3.95
213428PC	Adda ¹	ADO412HB-G76	12	1.60 x 1.60 x 0.40	6.7	Ball	100	1.2	CE	30.2	12"/3 leads	7.59	7.19	6.99	5.95
212724PC	Sunon	KDE1204PFB1-H	12	1.60 x 1.60 x 0.40	8.3	Ball	110	1.4	UL/CUL/TUV/CE/VDE	34.4	12"	6.65	4.95	4.36	3.95
174131PC	Jamicon	JF0413S1M	12	1.60 x 1.60 x 0.50	3.8	Sleeve	90	1.1	UL/CSA/TUV	29	14"	3.49	3.15	2.85	2.55
213891PC	Adda	AD0412MB-D50	12	1.60 x 1.60 x 0.60	8.1	Ball	100	1.2	UL/CUL/CE	31.8	11.5"	7.59	7.19	6.45	5.85
136178PC	Adda	AD0412MS-C70	12	1.60 x 1.60 x 0.80	5	Sleeve	110	1.32	UL/CSA	23	9"	5.49	4.99	3.99	2.99
195899PC	Sunon	KDE1204PKS2	12	1.60 x 1.60 x 0.80	6.5	Sleeve	70	0.9	UL/CSA/TUV	25.5	12"	7.95	7.19	5.75	4.29
75344PC	Delta	DFB0412M	12	1.60 x 1.60 x 0.80	7.3	Ball	80	0.8	UL/CSA/VDE/CE	28	4.5"	7.69	6.95	6.25	5.65
195881PC	Common Wealth	FP-108G/DC(S1)	12	1.60 x 1.60 x 0.80	7.6	Ball	160	1.92	UL/CSA/CE	32	12"	7.79	6.25	4.69	3.29
206447PC	Delta	DFB0412H	12	1.60 x 1.60 x 0.80	8.5	Ball	100	1.0	UL/CSA/VDE	32	8"	7.95	6.95	6.25	5.59
206164PC	Sunon	KDE1204PKB3-8	12	1.60 x 1.60 x 0.80	10	Ball	90	1.1	UL/TUV/CE	29.4	12"	8.95	7.95	6.95	5.95
212679PC	Sunon	KDE1245PFB3-H	12	1.80 x 1.80 x 0.40	6.1	Ball	60	0.7	UL/CUL/TUV/CE/VDE	23	12"	\$5.95 6.65	4.95	4.36	3.95
212687PC	Sunon	KDE1245PFB2-H	12	1.80 x 1.80 x 0.40	8.0	Ball	90	1.1	UL/CUL/TUV/CE/VDE	29	12"	\$5.95 6.65	4.95	4.36	3.95
212695PC	Sunon	KDE1245PFB1-H	12	1.80 x 1.80 x 0.40	9.5	Ball	110	1.4	UL/CUL/TUV/CE/VDE	33.8	12"	\$5.95 6.49	5.85	5.29	4.75
212644PC	Sunon	KDE1205PFB3-HG	12	2.00 x 2.00 x 0.40	8.5	Ball	60	0.7	UL/CUL/TUV/CE/VDE	26	12"	6.65	4.95	4.36	3.95
212652PC	Sunon	KDE1205PFB2-HG	12	2.00 x 2.00 x 0.40	10.6	Ball	80	1.0	UL/CUL/TUV/CE/VDE	31.5	12"	6.65	4.95	4.36	3.95
212661PC	Sunon	KDE1205PFB1-HG	12	2.00 x 2.00 x 0.40	12.5	Ball	110	1.4	UL/CUL/TUV/CE/VDE	36	12"	6.65	4.95	4.36	3.95
212628PC	Sunon	KDE1205PHB3-H	12	2.00 x 2.00 x 0.60	10.2	Ball	60	0.7	UL/CUL/TUV/CE/VDE	22.5	12"	8.95	7.95	6.95	6.25
206965PC	Adda	AD0512HB-D71	12	2.00 x 2.00 x 0.60	11.7	Ball	100	1.2	UL/CUL/TUV/CE	28.5	5"	8.95	7.95	6.95	6.25
139601PC	Adda	AD0512HS-D71	12	2.00 x 2.00 x 0.60	12	Sleeve	100	1.2	UL/CSA/CE	29	12"	8.95	8.09	7.25	6.55
206172PC	Sunon ²	KDE1205PHB2-TM	12	2.00 x 2.00 x 0.60	12.7	Ball	140	1.7	UL/CSA/CE	27.8	11"/3 leads	7.95	7.19	6.45	5.85
212636PC	Sunon	KDE1205PHB2-H	12	2.00 x 2.00 x 0.60	13	Ball	80	1.0	UL/CUL/TUV/CE/VDE	29.5	12"	\$5.95 8.49	7.65	6.89	6.19
147491PC	Shicoh	O610-12HH	12	2.36 x 2.36 x 0.40	16.2	Ball	150	1.8	—	38	5"	7.95	7.19	5.75	4.29
104205PC	Panaflo	FBA06T12L	12	2.36 x 2.36 x 0.60	12	Sleeve	130	1.1	—	24	6"	7.95	7.19	5.75	4.29
195944PC	Adda	AD612MS-D71GL	12	2.36 x 2.36 x 0.60	14.2	Sleeve	110	1.32	UL/CSA/TUV/CE	28.8	6"	6.95	6.29	5.05	3.79
151327PC	NMB	2406KL-04W-B40-L00	12	2.36 x 2.36 x 0.60	16	Ball	130	1.6	UL/CSA/VDE/CE	31	9"	9.49	8.55	7.69	6.95

¹ 213428PC: ATX PC type

² 206172PC: Locked rotor alarm

DC Brushless Fans continued on pages 60 & 61

Size Conversion: Inches to mm

Inches	mm	Inches	mm	Inches	mm	Inches	mm
0.25	6	1.00	25	2.00	50	3.72	95
0.40	10	1.20	30	2.36	60	3.83	97
0.60	15	1.40	35	2.48	75	4.68	120
0.80	20	1.60	40	3.15	80	5.90	150
0.90	23	1.80	45	3.63	92	6.75	170

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DC Brushless Fans (Continued)



134586PC



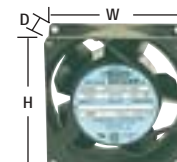
102955PC

Call for additional OEM PRICING – we carry major manufacturers.

- Low profile
- Ball and sleeve bearings
- Power input by lead wires or terminals
- PBT black thermo plastic frame and impeller
- Agency approved
- Low power consumption
- Low acoustical noise rating



227900PC



102875PC

Part Number	Manufacturer	Product Number	Voltage (VDC)	Size* (W" x H" x D")	Air Flow (CFM)	Bearing	Current (mA)	Power (Watts)	Agency Approvals	Noise (dBA)	Connection (Leads)	Pricing			
												1	10	50	100
175046PC	Globe Motors	D24-B08A-04W3-000	12	2.36 x 2.36 x 0.80	10.6	Ball	90	0.8	UL/CSA/TUV/CE	22	13"	\$6.95	\$6.29	\$5.05	\$3.79
144160PC	Adda	AD0612LB-C70GL	12	2.36 x 2.36 x 0.80	12.6	Ball	80	1.0	UL/CSA/TUV	22.7	6"	8.49	7.69	6.15	4.65
189595PC	Sunon	KD1206PKS2	12	2.36 x 2.36 x 0.80	16.5	Sleeve	150	1.8	UL/CSA/TUV/CE	31	12"	4.95	3.99	2.99	2.09
185818PC	Cheng	CHA6012DB	12	2.36 x 2.36 x 0.90	20.5	Ball	180	2.5	UL	33	12"	6.95	6.29	5.05	3.79
195901PC	Jamicon	JF0625S1L	12	2.36 x 2.36 x 1.00	15.3	Sleeve	170	2.0	UL/CSA/TUV	25.3	10"	2.45	2.25	2.05	1.85
75352PC	Common Wealth	FP108FDC12VS2	12	2.36 x 2.36 x 1.00	15.5	Sleeve	110	1.3	UL/CSA/TUV/CE	25	12"	6.95	6.29	5.05	3.79
136143PC	Delta	SB0612M	12	2.36 x 2.36 x 1.00	17.7	Sleeve	110	1.8	UL/CSA/VDE	26.5	5"	5.95	5.39	4.35	3.25
102947PC	Jamicon	JF0625S1H	12	2.36 x 2.36 x 1.00	20.5	Sleeve	230	2.7	UL/CSA/TUV	30.5	11"	6.95	6.29	5.05	3.79
150421PC	Jamicon	JF0625B1H	12	2.36 x 2.36 x 1.00	20.5	Ball	230	2.7	UL/CSA/TUV	30.5	10"	6.95	6.29	5.65	5.09
191548PC	Common Wealth	FP108FDC12VS1B	12	2.36 x 2.36 x 1.00	21	Ball	130	1.6	UL/CSA/TUV/CE	30	12"	7.49	5.99	4.49	3.15
195910PC	Sunon	KD1206PTS1	12	2.36 x 2.36 x 1.00	21.7	Sleeve	190	2.3	UL/CSA/TUV	34	12"	6.95	6.29	5.69	5.19
195936PC	Adda ¹	AD7512HB	12	2.98 x 2.98 x 1.18	10.3	Ball	240	2.9	CE	38.5	12"	7.95	7.25	6.59	5.99
134586PC	Delta ¹	BFB0712H	12	2.98 x 2.98 x 1.18	11.3	Ball	360	2.6	UL/CSA/TUV/VDE	38	4"	13.95	12.59	11.29	10.19
109081PC	Adda	AD0812HS-D71	12	3.15 x 3.15 x 0.60	29	Sleeve	190	2.3	UL/CSA/TUV/CE	31.4	12"	9.95	8.99	8.09	7.25
141920PC	Adda	AD0812HB-C70	12	3.15 x 3.15 x 0.80	27.3	Ball	240	2.9	UL/CSA/CE	34	12"	11.25	10.15	8.10	6.09
16993PC	Various ^{2 *}	FAN7315SL	12	3.15 x 3.15 x 1.00	25-40*	Sleeve	120-200*	1-2*	UL/CSA *	25*	4-12**	6.95	6.29	5.65	4.95
75361PC	Various*	FAN6315BL	12	3.15 x 3.15 x 1.00	25-40*	Ball	120-200*	1-2*	UL/CSA *	25*	4-12**	5.95	5.39	4.35	3.25
234894PC	ADDA	AD0812LB-A70GL	12	3.15 x 3.15 x 1.00	27.6	Ball	120	1.44	UL/CSA/TUV/CE	22.5	11.5	8.19	6.39	5.89	5.49
154288PC	Sunon	KDE1208PTS3-6	12	3.15 x 3.15 x 1.00	29.4	Sleeve	120	1.4	UL/CSA/TUV/CE	24.5	5.5"	4.55	4.09	3.29	2.45
195952PC	Panasonic	FMB-08A12M	12	3.15 x 3.15 x 1.00	30	Sleeve	124	1.5	UL/CSA	28	11"	5.95	5.39	4.35	3.25
123529PC	Adda	AD0812MS-A70GL	12	3.15 x 3.15 x 1.00	32	Sleeve	150	1.8	UL/CSA/TUV	28.3	12"	6.95	6.29	5.05	3.79
195987PC	Panasonic	FBA-08A12M	12	3.15 x 3.15 x 1.00	32.1	Sleeve	170	1.5	UL/CSA	28	4.5"	6.95	6.29	5.49	4.85
166959PC	NMB (Smart Fan) [†]	3110NL-012Q340-00	12	3.15 x 3.15 x 1.00	35	Ball	290	3.5	UL/CSA	35	2"	8.95	8.09	6.49	4.85
191599PC	NMB	3110KL-04W-B50	12	3.15 x 3.15 x 1.00	39	Ball	230	2.7	CSA	34	10"	7.49	6.75	5.39	3.95
185834PC	Panaflo	FBM08A12H	12	3.15 x 3.15 x 1.00	39.6	Sleeve	220	2.1	—	32	11"	6.95	6.29	5.05	3.79
206181PC	Sunon	KDE1208PTS1-6	12	3.15 x 3.15 x 1.00	42	Sleeve	220	2.6	UL/CSA/TUV/CE	34	9"	5.95	5.39	4.85	4.35
185826PC	NMB ⁴	3110KL-04W-B69	12	3.15 x 3.15 x 1.00	42	Ball	340	3.1	UL/CSA/VDE/CE	35	13/3 leads	6.95	6.29	5.05	3.79
102955PC	Sunon	KD1208PTB1-6	12	3.15 x 3.15 x 1.00	42.5	Ball	220	2.6	UL/CSA/TUV/CE	33.5	12"	6.49	5.85	5.29	4.75
172460PC	Nidec ³	TA300DCM33406-68	12	3.15 x 3.15 x 1.00	43	Ball	290	3.5	UL/CSA	41	11/3 leads	9.95	8.99	7.19	5.39
191601PC	NMB	3610KL-04-B20	12	3.63 x 3.63 x 1.00	34	Ball	120	1.3	UL/CSA/TUV	27	12"	6.95	6.29	5.65	5.09
196015PC	Cheng	CHA9212CB	12	3.63 x 3.63 x 1.00	44.1	Ball	190	2.3	UL/CSA	31	12"	5.95	5.35	4.29	3.25
75441PC	Common Wealth	FP108BDC12VS1	12	3.63 x 3.63 x 1.00	45	Sleeve	320	3.1	UL/CSA/TUV/CE	32	10"	3.19	2.79	2.49	2.29
196007PC	Jamicon	JF0925S1M	12	3.63 x 3.63 x 1.00	45.4	Sleeve	200	2.4	UL/CSA/TUV/CE	34	12"	2.45	2.25	2.05	1.85
196023PC	Jamicon	JF0925B1M	12	3.63 x 3.63 x 1.00	45.4	Ball	200	2.4	UL/CSA/TUV	34	10"	2.39	2.15	1.75	1.29
154641PC	Nidec	TA350DC-M33422-16	12	3.63 x 3.63 x 1.00	48	Ball	290	3.5	UL/CSA	43	12"	7.55	6.79	5.45	4.09
206199PC	Sunon	KDE1209PTS1-6	12	3.63 x 3.63 x 1.00	48.5	Sleeve	190	2.3	UL/CSA/TUV/CE	32.5	12"	3.99	3.65	3.25	2.95
189780PC	Delta	DFB0912H	12	3.63 x 3.63 x 1.00	49.5	Ball	300	3.1	UL/CSA/TUV	35	5"	7.55	6.79	5.45	4.09
172478PC	Delta ⁵	DFB0912H-R00	12	3.63 x 3.63 x 1.00	49.5	Ball	300	3.1	UL/CSA/VDE/CE	35	8/3 leads	6.95	6.29	5.05	3.79
190983PC	Sunon	KD1209PTB1-6A	12	3.63 x 3.63 x 1.00	51	Ball	220	2.6	UL/CSA/TUV	34	12"	7.25	6.55	5.89	5.29
116476PC	Jamicon	JF0925S1H	12	3.63 x 3.63 x 1.00	52	Sleeve	350	4.2	UL/CSA/TUV	37	10"	7.95	7.15	5.72	4.29
162739PC	NMB (Smart Fan) [†]	3610KL-04W-B56	12	3.63 x 3.63 x 1.00	55	Ball	430	3.8	UL/CSA/VDE/CE	37	10/3 leads	7.95	7.19	5.75	4.35
102963PC	Nidec	TA350DC-M33503-55	12	3.63 x 3.63 x 1.00	56	Ball	400	4.8	UL/CSA	45	8"	7.95	6.95	6.25	5.59
213567PC	Nidec ¹	A34124-33	12	3.83 x 3.72 x 1.30	25	Ball	650	7.8	UL/CUL	60	11.5/3 leads	19.95	17.95	16.25	14.59
174140PC	Common Wealth	FP108MS3	12	4.68 x 4.68 x 1.00	54	Sleeve	140	1.7	UL/CSA/TUV/CE	25	12"	6.95	6.29	5.05	3.79
174916PC	NMB	4710NL-04T-B30	12	4.68 x 4.68 x 1.00	80	Ball	320	3.8	UL/CSA/VDE/CE	34	terminals	3.95	3.49	3.19	2.89
174086PC	Jamicon	JF1225S1M	12	4.68 x 4.68 x 1.00	74	Sleeve	250	3.0	UL/CSA/CE	37	11"	2.55	2.29	2.09	1.89
227900PC	Common Wealth	FP-108M-S1-B	12	4.68 x 4.68 x 1.00	80	Ball	330	4.0	UL/CSA/VDE/CE	42	12"	10.95	9.85	8.89	7.99
102875PC	Delta	WFB1212H	12	4.68 x 4.68 x 1.00	86.5	Ball	360	4.3	UL/CSA/TUV	37.6	12"	10.95	9.89	7.95	5.95

¹ 195936PC/134586PC/213567PC: Blower type

² 16993PC: Replacement for the PC/XT computer power supply fan

³ 172460PC: Locked rotor alarm

⁴ 185826PC: Speed sensor

⁵ 172478PC: Rotor locking input

[†] Temperature control: P/N 166959PC (40°C); P/N 162739PC (50°C, 3 leads)

* Manufacturer & specifications may vary

DC Brushless Fans continued on page 61

• Size Conversion: Inches to mm

Inches	mm	Inches	mm	Inches	mm	Inches	mm
0.25	6	1.00	25	2.00	50	3.72	95
0.40	10	1.20	30	2.36	60	3.83	97
0.60	15	1.40	35	2.48	75	4.68	120
0.80	20	1.60	40	3.15	80	5.90	150
0.90	23	1.80	45	3.63	92	6.75	170

See the yellow and green highlighted items.

Jameco Special Values!

Details on page 2.



174078PC



136160PC

Call for additional OEM PRICING – we carry major manufacturers.

- Low profile
- Ball and sleeve bearings
- Power input by lead wires or terminals
- PBT black thermo plastic frame and impeller
- Agency approved
- Low power consumption
- Low acoustical noise rating



SALE



227248PC



153411PC

Part Number	Manufacturer	Product Number	Voltage (VDC)	Size* (W" x H" x D")	Air Flow (CFM)	Bearing	Current (mA)	Power (Watts)	Agency Approvals	Noise (dBA)	Connection (Leads)	Pricing			
												1	10	50	100
174924PC	Globe Motors	D47-B10A-04T3-000	12	4.68 x 4.68 x 1.00	90	Ball	740	6.8	UL/CSA	39	terminals	\$6.95	\$6.29	\$5.05	\$3.79
163619PC	NMB (Smart Fan) [†]	4710NL012P535P0	12	4.68 x 4.68 x 1.00	90	Ball	740	8.9	—	38.5	12"	4.95	4.49	3.59	2.69
159020PC	Sunon	KDE1212PMS1-6A	12	4.68 x 4.68 x 1.50	107	Sleeve	570	6.8	UL/CSA/TUV	41	12"	11.95	10.79	9.69	8.69
163601PC	Delta (Smart Fan) [†]	WFC1212BE	12	4.68 x 4.68 x 1.50	108	Ball	650	6.6	UL/CSA/VDE	41.3	12"	10.95	9.89	7.95	5.95
94625PC	Sunon	KD1212PMB1-6A	12	4.68 x 4.68 x 1.50	108	Ball	570	6.8	UL/CSA/TUV/CE	42	12"	11.95	10.79	8.65	6.49
189851PC	Delta	WFB1212HE	12	4.68 x 4.68 x 1.50	108	Ball	490	5.9	UL/CSA/VDE/CE	41.3	12"	11.95	10.79	8.65	6.45
206201PC	Sunon	KDE2404PKB3	24	1.60 x 1.60 x 0.80	6	Ball	30	0.7	UL/CSA/TUV/CE	24	12"	7.49	6.79	6.09	5.49
100909PC	Sunon	KD2404PKS2	24	1.60 x 1.60 x 0.80	6.5	Sleeve	50	1.2	UL/CSA/TUV/CE	25.5	12"	7.95	7.19	5.75	4.19
140661PC	NMB	2408NL-05W-B60	24	2.36 x 2.36 x 0.80	18.4	Ball	100	2.4	—	31	2"	5.95	5.39	4.34	3.24
174107PC	Jamicon	JF0625S2M	24	2.36 x 2.36 x 1.00	18	Sleeve	130	3.1	UL/TUV	28.5	10"	4.95	4.49	3.59	2.69
189860PC	Jamicon	JF0625B2M	24	2.36 x 2.36 x 1.00	18	Ball	130	3.1	UL/CSA/TUV/CE	28.5	10"	8.95	8.09	7.25	6.55
227248PC	Mechatronics	F6025E24B	24	2.36 x 2.36 x 1.00	24	Ball	125	3.0	UL/CUL/TUV	36	12"	8.95	8.09	7.29	6.59
174078PC	Jamicon	JF0825S2M	24	3.15 x 3.15 x 1.00	32	Sleeve	130	3.1	UL/CUL/TUV	28	10"	4.55	4.09	3.29	2.45
162923PC	Jamicon	JF0825S2H	24	3.15 x 3.15 x 1.00	39.2	Sleeve	150	3.6	UL/CSA/TUV	31	10"	2.75	2.39	2.15	1.95
136160PC	Jamicon	JF0825B2H	24	3.15 x 3.15 x 1.00	39.2	Ball	150	3.6	UL/CSA/TUV	31	12"	9.49	8.55	7.69	6.95
189878PC	Sunon	KD2408PTB1-6A	24	3.15 x 3.15 x 1.00	42.5	Ball	220	2.6	UL/CSA/TUV/CE	36.5	12"	9.95	8.99	7.19	5.39
189886PC	NMB	3610KL-05W-B30	24	3.63 x 3.63 x 1.00	40.6	Ball	87	2.1	UL/CSA/VDE	34	12"	7.95	6.39	4.79	3.35
174094PC	Jamicon	JF0925S2H	24	3.63 x 3.63 x 1.00	52	Sleeve	190	4.6	UL/CUL	37	10"	7.95	7.19	5.75	4.35
206210PC	Sunon	KDE2412PTS3-6A	24	4.68 x 4.68 x 1.00	67	Sleeve	130	3.1	UL/CSA	35	12"	9.95	8.99	8.09	7.25
175281PC	Globe Motors	D47B10A05W2000	24	4.68 x 4.68 x 1.00	70	Ball	160	2.9	UL/CSA/TUV/CE	34	12"	12.95	11.69	9.35	6.99
206228PC	Sunon ¹	KDE2412PMS1-6A	24	4.68 x 4.68 x 1.00	107	Sleeve	310	7.4	UL/CSA/TUV/CE	41	11"/3 leads	14.95	13.95	12.95	11.95
100968PC	Sunon	KDE2412PMB3-6A	24	4.68 x 4.68 x 1.50	83	Ball	140	3.4	UL/CSA/TUV/CE	35	12"	12.95	11.69	9.35	6.99
153411PC	Sunon	KD2412PMB2-6A	24	4.68 x 4.68 x 1.50	98	Ball	230	5.5	UL/CSA/TUV	36.5	12"	11.95	10.79	9.69	8.75
166730PC	Mechatronics	A9225H48B	48	3.63 x 3.63 x 1.00	51	Ball	100	4.8	UL/CSA/TUV	36	13"	8.79	7.85	6.99	6.19
175468PC	NMB	5920PL-07W-B30	48	6.75 x 5.90 x 1.50	210	Ball	400	14.4	UL/CSA	51	12.5"	7.59	6.85	6.15	5.55
196710PC	PAPST ²	7118N/12	48	6.75 x 5.90 x 1.50	212	Ball	250	12	UL/CSA/VDE/CE	55	13"/3 leads	6.45	5.85	5.35	4.85

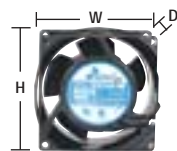
¹ 206228PC: Locked rotor alarm

² 196710PC: Speed sensor

[†] Temperature control: 35°C

AC Tube Axial Fans

Call for additional OEM PRICING – we carry major manufacturers.



111915PC



16977PC



- Rating 115 & 220VAC @ 50-60Hz
- Low acoustical noise rating
- Agency approved fans
- Ball and sleeve bearings
- Air flow from 10.2 to 226 CFM

Fan Power Cords on Next Page



102904PC



75432PC

Part Number	Manufacturer	Product Number	Voltage (VAC)	Size* (W" x H" x D")	Air Flow (CFM)	Bearing	Current (mA)	Power (Watts)	Agency Approvals	Noise (dBA)	Connection (Leads)	Pricing			
												1	10	50	100
162704PC	Toyto	USTF60301153W	115	2.36 x 2.36 x 1.18	11	Ball	38	4	UL/CSA/CE	29	12" leads	\$15.49	\$13.95	\$12.55	\$11.29
213866PC	Fulltech	UF60D11H	115	2.36 x 2.36 x 1.18	10.2	Ball	35	4	UL/CUL/VDE/CE	28	12" leads	15.95	14.39	12.95	11.65
146077PC	Common Wealth	FP108AX-S1-B	115	3.15 x 3.15 x 1.00	23	Ball	140	14	UL/CE	29	12" leads	12.95	11.69	10.49	9.45
75408PC	Fulltech	UF80B12SWH	115	3.15 x 3.15 x 1.00	24	Sleeve	140	14	UL/CSA/TUV/CE	35	12" leads	14.95	13.49	12.15	10.95
212610PC	Fulltech	UF80B12BTH	115	3.15 x 3.15 x 1.00	24	Ball	140	14	UL/CSA/TUV/CE	35	terminals	12.95	11.95	10.95	9.95
111915PC	Fulltech	UF80A12SWL	115	3.15 x 3.15 x 1.50	25	Sleeve	110	12	UL/CSA/TUV/CE	32	12" leads	11.95	10.95	9.95	8.95
16977PC	Fulltech	UF80A12BWL	115	3.15 x 3.15 x 1.50	25	Ball	110	11	UL/CSA/TUV/CE	32	12" leads	13.95	12.59	11.35	10.19
16969PC	Fulltech	UF80A12BTL	115	3.15 x 3.15 x 1.50	25	Ball	110	12	UL/CSA/TUV/CE	32	terminals	14.95	11.99	8.99	8.59
102904PC	Fulltech	UF80A12BWH	115	3.15 x 3.15 x 1.50	29	Ball	120	12	UL/CSA/TUV/CE	36	12" leads	14.95	13.49	12.15	10.95
212601PC	Fulltech	UF80A12BTH	115	3.15 x 3.15 x 1.50	30	Ball	120	12	UL/CSA/TUV/CE	36	terminals	13.95	12.95	11.95	10.95
75432PC	Sunon	SF11592A-1092HSL	115	3.63 x 3.63 x 1.00	36	Sleeve	130	12	UL/CSA/TUV/CE	39	12" leads	13.95	12.59	11.35	10.19
75459PC	Sunon	SF11592A-1092HBT	115	3.63 x 3.63 x 1.00	37	Ball	110	12	UL/CSA/TUV/CE	40	terminals	15.95	14.39	12.95	11.65

*Size Conversion: Inches to mm

Inches	mm	Inches	mm	Inches	mm	Inches	mm
0.25	6	1.00	25	2.00	50	3.72	95
0.40	10	1.20	30	2.36	60	3.83	97
0.60	15	1.40	35	2.48	75	4.68	120
0.80	20	1.60	40	3.15	80	5.90	150
0.90	23	1.80	45	3.63	92	6.75	170



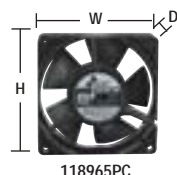
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AC Tube Axial Fans



Call for additional OEM PRICING – we carry major manufacturers.

- Rating 115 & 220VAC @ 50-60Hz
- Low acoustical noise rating
- Agency approved fans
- Ball and sleeve bearings
- Air flow from 11 to 226 CFM



Part Number	Manufacturer	Product Number	Voltage (VAC)	Size* (W" x H" x D")	Air Flow (CFM)	Bearing	Current (mA)	Power (Watts)	Agency Approvals	Noise (dBA)	Connection (Leads)	Pricing			
												1	10	50	100
124062PC	Sunon	SP101AT1122HBT	115	4.68 x 4.68 x 1.00	78	Ball	180	18	CSA/TUV/CE	46	terminals	\$13.49	\$10.95	\$9.89	\$9.19
118965PC	Fulltech	UF12A12BTL1	115	4.68 x 4.68 x 1.50	64	Ball	80	15	UL/CSA/TUV/CE	37	terminals	14.95	13.49	12.15	10.95
109874PC	Fulltech	UF12A12STL	115	4.68 x 4.68 x 1.50	81	Sleeve	150	15	UL/CSA/TUV/CE	38	terminals	12.95	11.69	10.55	9.49
111894PC	Common Wealth	FP108-1-S1/W	115	4.68 x 4.68 x 1.50	105	Sleeve	180	17	UL/CSA/CE	47	12" leads	13.95	12.59	11.35	10.19
106585PC	Common Wealth	FP108-1-S1/T	115	4.68 x 4.68 x 1.50	105	Sleeve	180	12	UL/CSA/CE	47	terminals	15.95	14.39	12.95	11.65
16934PC	Common Wealth	FP108-1-S1-B	115	4.68 x 4.68 x 1.50	105	Ball	200	17	UL/CSA/TUV/CE	47	terminals	16.95	15.29	13.75	12.39
212599PC	Fulltech	UF12A12BWH	115	4.68 x 4.68 x 1.50	106	Ball	190	15	UL/CSA/TUV/CE	46	12" leads	12.95	11.95	10.95	9.95
206308PC	Adda	AA1281UB-AT	115	4.68 x 4.68 x 1.50	107	Ball	230	24	CE	48	terminals	14.95	13.49	12.15	10.95
102883PC	Sunon	SP100A-1123XBT	115	4.68 x 4.68 x 1.50	117	Ball	240	20	UL/CSA/TUV/CE	50	terminals	14.95	13.95	12.95	11.95
108724PC	Fulltech	UF15AC12BTH	115	6.75 x 5.90 x 1.50	211	Ball	230	28	UL/CSA/TUV/CE	58	terminals	27.95	27.10	26.29	25.49
212564PC	Fulltech	UF15PC12BTL	115	6.75 x 5.90 x 2.00	113	Ball	260	30	UL/CSA/TUV/CE	41	terminals	34.95	32.49	28.49	25.49
212572PC	Fulltech	UF15PC12BWL	115	6.75 x 5.90 x 2.00	113	Ball	260	30	UL/CSA/TUV/CE	41	12" leads	29.95	26.95	23.95	21.49
212581PC	Fulltech	UF15PC12BWH	115	6.75 x 5.90 x 2.00	226	Ball	250	30	UL/CSA/TUV/CE	58	12" leads	29.95	26.95	23.95	21.49
189683PC	Fulltech	UF15PC12BTH	115	6.75 x 5.90 x 2.00	226	Ball	250	30	CSA	58	terminals	29.95	26.95	24.29	21.79
174932PC	NMB	3115FS-23T-B10	220	3.15 x 3.15 x 1.50	25	Ball	30	4.6	UL/CSA/TUV/CE	25	terminals	12.99	11.69	9.35	6.99
100917PC	Sunon	SF23080A/2083HSL	220	3.15 x 3.15 x 1.50	30	Sleeve	60	13.5	UL/CSA/TUV/CE	35	12" leads	10.49	8.39	7.55	5.66
209365PC	Innovative	4C-230LB	220	4.68 x 4.68 x 1.50	63	Ball	60	9	TUV/CE	34	10" leads	12.95	11.69	10.49	9.45
102891PC	Sunon	DP200A-12123XBT	220	4.68 x 4.68 x 1.50	117	Ball	120	21	UL/CSA/TUV/CE	50	terminals	15.95	14.39	12.95	11.65

*Size Conversion: Inches to mm

Inches	mm	Inches	mm	Inches	mm	Inches	mm
0.25	6	1.00	25	2.00	50	3.72	95
0.40	10	1.20	30	2.36	60	3.83	97
0.60	15	1.40	35	2.48	75	4.68	120
0.80	20	1.60	40	3.15	80	5.90	150
0.90	23	1.80	45	3.63	92	6.75	170

30-Day Money-Back Guarantee

If you're not satisfied we'll take it back! Details on page 63.

See www.Jameco.com for detailed specifications and prices on CPU Heat Sink Fans!

Fan Guards, Filters & Cords

Compatible with DC and AC Fans – pages 59 - 62

- All guards and filters fit all fans by matching the size dimension.
- Example: P/N 75408PC fan (3.15") matches P/N 31923PC metal guard (3.15").

Part No.	Description*	1	10	100	250
123502PC	1.60" metal (chrome) guard	\$.49	\$.43	\$.39	\$.35
163432PC	2.00" metal (chrome) guard	.59	.53	.48	.43
120037PC	2.36" metal (chrome) guard	.79	.71	.64	.58
31923PC	3.15" metal (chrome) guard	.79	.65	.52	.49
123511PC	3.63" metal (chrome) guard	.85	.65	.56	.51
25734PC	4.68" metal (chrome) guard	1.09	.89	.69	.65
138561PC	3.15" plastic guard with mesh	1.39	1.19	1.05	.95
229665PC	3.63" plastic guard with mesh	1.49	1.35	1.25	1.09
196816PC	4.68" plastic guard with mesh	1.95	1.55	1.39	1.25
138579PC	3.15" alum. washable filter	2.95	2.65	2.39	2.15
192874PC	3.63" alum. washable filter	1.59	1.45	1.29	1.19
130104PC	4.68" alum. washable filter	3.49	3.19	2.75	2.49



Fan Power Cords: 24" Straight and Right-Angle

- Cord type: SPT-1 (2) conductor black
- Voltage rating: 300V
- Temperature range: 60°C
- Fits all terminal fans

Part No.	Description	Length	1	10	100	250
28564PC	Straight socket cord	24"	\$.75	\$.68	\$.55	\$.50
104192PC	90° angle socket cord	24"	.87	.76	.61	.57



PAYMENT OPTIONS

Credit Card/Check Cards

We accept VISA, MasterCard, American Express and Discover. No surcharge. Your account will not be charged until your order is shipped. When ordering, please advise name on card and credit card billing address.

Check or Money Order

You may pay by check or money order in U.S. funds, drawn on a U.S. bank.

Open Account

It is easy to open an account with Jameco. Contact us for obtaining open account status.

C.O.D.

Personal checks are accepted. Please add \$7.00 per C.O.D. order. Include the name and address of your bank and your account number.

International Orders

All foreign orders must be prepaid with a credit card (see approved credit cards above), wire transfer, traveler's check, cashier's check or money order drawn on a U.S. bank in U.S. funds only. Please do not send cash. Jameco cannot accept letters of credit as a form of payment.

E-mail: international@Jameco.com.

SERVICES

30-Day Money Back Guarantee

If for any reason you are not completely satisfied with your purchase, simply return the product, in its original packaging, within 30 days for a refund, credit or exchange. Parts returned due to customer ordering error may be subject to a restock fee. Call our customer service department at 1-800-536-4316 or visit www.Jameco.com to request an RMA#. It should appear clearly on the outside of the box. Returns without an RMA# will not be accepted, and no freight collect packages will be accepted. A completed Jameco customer service form, located on the back of the packing slip, must be included with your return. We're sorry, but books, kits, software, grab bags and special orders cannot be returned. Special orders consist of products sold at an OEM quantity discount or products not listed in the Jameco catalog.

Jameco Warranty

Jameco warrants all merchandise against defects in material or workmanship for a period of 90 days from the original purchase date unless otherwise stated in writing by Jameco. If Jameco receives the product considered to be defective within this warranty period and the product is determined to be defective, Jameco will, at its sole option and discretion, either repair or replace the product. The foregoing is your sole and exclusive remedy and states Jameco's entire liability arising out of this warranty. [However, Jameco will transfer to customer whatever transferable warranties and indemnities Jameco receives from the manufacturer of the products. Any claims arising from such manufacturer's warranties shall be the sole responsibility of the manufacturer and not of Jameco.] Moreover, Jameco's limited warranty is void if the damage or defect has resulted from improper customer assembly, failure by customer to follow instruction, product modification, negligent or improper operation, accident, abuse or misapplication. Products returned to Jameco pursuant to this warranty must be returned to Jameco prepaid.

No Other Warranties

The limited warranty above is exclusive and in lieu of all other conditions and warranties for the products and documentation. Jameco makes no other conditions or warranties, express, implied, statutory or otherwise, and expressly disclaims all other conditions and warranties, including but not limited to, implied conditions or warranties of merchantability, fitness for a particular purpose, and non-infringement of the products.

Limitation of Liability

Jameco shall not be liable for any incidental, special or consequential damages for breach of any warranty, expressed or implied, directly or indirectly arising out of Jameco's sale of merchandise, including any failure to deliver any merchandise, or arising out of customer's installation or use, whether proper or improper, of the product, separately or in combination with other equipment, or from any other cause. Products sold by Jameco are not authorized for use as critical components in life support devices or systems.

5 EASY WAYS TO ORDER

Telephone: Toll-Free 24 hours a day!



1-800-831-4242

International orders, call 1-650-592-8097

Toll-Free

FAX:



US/Canada: 1-800-237-6948

Brazil: 000-817-455-6119

Columbia: 980-9-136748

Indonesia: 1-803-015-237-6948

Mexico: 001-800-593-1449

New Zealand: 080-044-0470

Other Countries: 1-650-592-2503

Online:



<http://www.Jameco.com>

On-line catalog! Our complete offering of over 6,000 products searchable on the Jameco website!

Mail:



E-mail your order to:

sales@Jameco.com or fill out the order form (next page) and mail it to us.

In-Person:



Visit Jameco at 1355 Shoreway Rd.,

Belmont, CA. Will-call office

hours are 8:00 a.m. - 5:00 p.m.

Monday - Friday.

CONTACT INFORMATION

The following services are available at

1-650-592-8097 Monday - Friday from

6:30 a.m. - 5:00 p.m. PST or via e-mail:

- International Sales (international@Jameco.com)
- Customer Service (custservice@Jameco.com)
- Credit Department (credit@Jameco.com)
- Technical Support (tech@Jameco.com)

Toll-Free Hotline!

Please call us at 1-800-831-4242.

A Nuestros Clientes en

La Republica Mexicana: Si usted requiere tratar en Espanol y adquirir nuestros productos facturados L.A.B. Cd. De Mexico (libres de Aduana) y enviados al interior del pais via Estafeta, contacte con nuestro Representante y Distribuidor exclusivo;

Proyeccion Electronica de Mexico, S.A. de

C.V. a: General E-mail: info@proyel.com

Quote E-mail: jmc@proyel.com

Phone/Fax: 01-(55) 5273-5029

Direccion:

Benjamin Franklin No. 166 Desp. 1

Col. Escandon Deleg. Miguel Hidalgo

C.P. 11800 Mexico, D.F.

Los demas paises de Latinoamerica: Ya pronto tendremos servicio en su Region. Si usted tiene alguna duda o comentario respecto a los servicios de Jameco, contacte con la empresa arriba mencionada en la Ciudad de Mexico, ellos le pueden ayudar.

PRICES

Prices are effective 10-20-03. Prices and discounts are subject to change without notice. We are not responsible for any typographical errors in this catalog. Photos are representative; product appearance may vary.

ONLINE INFORMATION

Get answers to frequently asked questions on the Jameco website at:

<http://www.Jameco.com>

SHIPPING INFORMATION



Guaranteed Delivery Time for UPS Ground (Business Days)

- | | | |
|--------|--------|--------|
| 1 day | 2 days | 3 days |
| 4 days | 5 days | 6 days |

Orders received Mon.-Fri. by 6:00 p.m. Eastern Standard Time will be shipped the same day. Orders received Saturday and Sunday will ship the following Monday (except on holidays). If we are unable to fill your order on the day received, we will send you a gift certificate worth \$5.00 towards your next Jameco purchase. This offer does not apply to orders waiting for credit approval or backordered items.

Options and Rates*



Shipping delivery times are based on working days.

Ground Service

Up to 6 working days for commercial address (up to 9 working days for residential).

Guaranteed delivery times may vary depending on zip code. \$6.50 for 1st 2 lbs.; \$0.74 for each additional lb.

2-Day Air Service

\$12.00 for 1st 2 lbs.; \$1.50 for each additional lb.

Next Day Air Service

- \$21.50 for AM delivery for 1st 2 lbs.; \$1.95 for each additional lb.
- \$16.00 for afternoon delivery for 1st 2 lbs.; \$1.95 for each additional lb.

Priority Mail (USPS)

\$4.75 for 1st lb.; \$1.90 for each additional lb. Order must be placed before 5:00 p.m. Eastern Standard Time to ship same day.

Jameco reserves the right to rebill shipping surcharges for customer misaddressed packages

* The above rates apply to single box shipments that are less than 50 lbs. Please call for shipping quote on packages greater than 50 lbs.

International Shipping & Handling

Shipping is via courier or postal service, depending on your preference, insurance availability, and the size and weight of your package. Jameco will apply actual shipping charges with a nominal handling charge on all foreign orders. For mail-in customers, please include 25% for shipping charges or call for a shipping quotation. All returns that meet postal requirements must be sent prepaid via air parcel post. All courier shipments to Canada and Mexico require a certificate of origin. Jameco will provide a certificate of origin for a \$25 processing fee.

POLICIES

Confirming Orders

Please do not send confirming orders. If company policy necessitates a confirming order, please mark "CONFIRMING" boldly on the first page of the order.

No Minimum Order

A \$5.00 processing fee will be added to orders under \$20.00.

Order Form

See previous page for Ordering Information

Fax 1-800-237-6948 Order 24 hours/7 days a week!

Jameco, 1355 Shoreway Road, Belmont, CA 94002 Call: 1-800-831-4242 International TEL: 1-650-592-8097 FAX: 1-650-592-2503

1 Ordered By (We will ship to this address unless you enter #2).
Customer No. _____ **VIP No.** _____
(see back cover)

 Company

 Name of Requisitioner Title

 Name of Purchasing Agent Title

 Street Address/PO Box Number

 City State Zip Code

Contact information (please provide all information and check method preferred)
 () _____
 Daytime phone number - Required for Credit Card Orders

() _____
 Fax Number

 E-mail Address

☐ Please check this box if you prefer not to receive special offers via e-mail from Jameco.

2 Ship To (Only required if different from #1)

 Company

 Name Title

 Street Address/PO Box Number

 City State Zip Code

3 Method of Payment





☐ Prepaid (check enclosed) ☐ C.O.D. (\$7.00 service charge)

☐ Net 30 Days (Account must be previously established. Authorized P.O. # required.)

PURCHASE ORDER NO.: _____

☐ Credit Card

Credit Card users only:

Credit Card Number

Exp. Date: Month Year Name on card _____

 Billing Address Street/PO Box City/State/Zip

ITEM NO.	QTY.	PART NUMBER	DATA SHEETS	DESCRIPTION	PAGE NO.	WEIGHT (LBS.)	UNIT PRICE	TOTAL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
						TOTAL WEIGHT	SUB-TOTAL	

5 Please Check Shipping Method Below

☐ **Priority Mail (USPS)**\$4.75 for 1st lb., \$1.90 for each additional lb.

☐ **Ground**\$6.50 for 1st 2 lbs., \$0.74 for each additional lb.

☐ **2 Day Air Service**\$12.00 for 1st 2 lbs., \$1.50 for each additional lb.

☐ **Next Day Air Service (AM delivery)**\$21.50 for 1st 2 lbs., \$1.95 for each additional lb.

☐ **Next Day Air Service (PM delivery)**\$16.00 for 1st 2 lbs., \$1.95 for each additional lb.

☐ **Foreign Shipment via Air Parcel Post**Shipping approximately 25% of order total. Excess fees will be refunded. Additional shipping methods available

Some restrictions may apply. See order information (previous page) for other shipping methods and conditions of sale. Shipping rate is based on a single package shipment.

Add \$5.00 processing fee on orders under \$20	
Please Add Applicable Sales Tax (California Only)	
Shipping (See Item 5)	
C.O.D. (add \$7.00)	
Canada and Mexico Certificate of Origin (\$25)	
Credit Memo (please attach)	-
TOTAL	

6 JAMECO® thanks you for Your Order!

FOR OFFICE USE ONLY

_____ / _____

Open Frame Power Supplies

A complete selection of competitively priced open frame switching power supplies from Artesyn, Mean Well and others is available on pages 4-31.



204610PC 24 VDC, 4.2 Amp, Universal Input w/ PFC, UL/CUL/TUV/CE, \$65.95
See pages 16-17.

Open Frame Switching Power Supplies on pages 4-31.

Full Selection of Power Connectors



Jameco offers a full selection of 1.3, 2.1, 2.5 and 3.5mm Plugs and Jacks in panel, PCB and cable mounts.

151554PC 2.1 mm male jack, \$1.49
See page 58.

151562PC 2.5 mm male jack, \$1.49
See page 58.

Power Plugs and Jacks on page 58.

AC Wall Adapters

Full selection of UL/CSA rated wall adaptors at great savings.



10081PC 12 VAC, 1A output, 2.1 mm female connector, \$4.95
See page 57.

For our complete line of AC Wall Adapters see page 57.

DC Brushless Fans

Full range of DC fans to quietly keep your products cool.



161699PC 1.6" square by 0.6" deep, 12 VDC, 6 CFM, 30 dBA, \$7.95
See page 59.

189860PC 2.4" square by 1" deep, 24 VDC, 18 CFM, 29 dBA, \$8.95
See page 61.

102955PC 3.2" square by 1" deep, 12 VDC, 42 CFM, 34 dBA, \$6.49
See page 60.

DC Brushless Fans see pages 59-61.

Enclosed Switching Power Supplies

With over 22 pages of switching power supplies, you're almost certain to find the exact configuration needed for your application, and at our prices, you can expect to save money too!



123254PC 25W, 12 VDC, 2.1A, Universal Input, UL/TUV/CE, \$43.95
See pages 4-5.

123351PC 60W, 24 VDC, 2.5A, Universal Input, UL/CUL/TUV/CE, \$57.95
See pages 8-9.

132396PC 126W, +5/+24 VDC, Universal Input, UL/CUL/TUV/CE, \$76.95
See pages 18-19.

123422PC 150W, 12 VDC, 12.5A, Universal Input, UL/CUL/TUV/CE, \$76.95
See pages 20-21.

147053PC 480W, 24 VDC, 20A, Universal Input w/ PFC, UL/CUL/TUV/CE, \$259.95
See pages 28-29.

Enclosed Power Supplies on pages 4-31.

Switching Table-Top Power Supplies

Outfit your product with a professional table-top power supply. Jameco offers a wide variety of configurations with regulated and unregulated outputs.



161605PC 24 VDC, 2.5A, 3-wire Universal Input, UL/TUV/CE, \$44.95
See page 50.

155213PC 24 VDC, 3.3A, 3-wire Universal Input, UL/CUL/TUV, \$34.95
See page 50.

155230PC 12 VDC, 5A, 3-wire Universal Input, UL/CSA/TUV, \$49.95
See page 50.

216531PC 12 VDC, 1.5A, 3-wire Universal Input, UL/CUL/TUV/CE, \$26.95
See page 49.

181884PC 24 VDC, 1.66A, 3-wire Universal Input, UL/TUV/CE, \$33.95
See page 50.

Switching Table-Top Power Supplies on pages 49-50.

Unregulated DC Wall Adapters

You can save big money with our full selection of UL/CSA rated wall adaptors.



112070PC 5 VDC, 0.2A, 2.5 mm female, UL/CSA, \$7.29
See page 53.

100870PC 12 VDC, 1A, 2.1 mm female, UL/CSA, \$7.95
See page 55.

See pages 53-56 for DC Wall Adapters.

High-Flow AC Fans

Jameco offers a full line of axial tube fans to keep your power-hungry projects running cool for years to come.



102883PC 117 CFM, 50 dBA, 4.7" sq., 1.5" deep, 115 VAC, \$14.95
See page 62.

118965PC 64 CFM, 37 dBA, 4.7" sq., 1.5" deep, 115 VAC, \$14.95
See page 62.

AC Tube Axial Fans on pages 61-62.

Name Brand & High-Quality Power Products

Low-Price Guarantee, 24/7 Service, Expert Support



Name Brands You Should Trust

Now you can get immediate delivery of name brand power products, catalog convenience and great technical support without the hassles of "large-company" distribution channels. Jameco features power supplies and DC-to-DC converters from U.S. branded Artesyn, value-priced Mean Well and a host of other manufacturers. You'll also find low-leakage medical supplies from Globtek, plus switching wall adapters and table-top supplies from Phihong, the world's leading manufacturer.

GlobTek®



ARTESYN
TECHNOLOGIES



High Quality for LE\$\$

Save big with high-quality power supplies from various manufacturers. Jameco continues to negotiate great deals on power supplies with limited availability, and as always, you're assured we'll pass the savings on to you! While we typically purchase six to twelve months inventory, demand sometimes outstrips us in weeks, so act quickly and don't let these savings pass you by!



Wide Assortment of Fans



Jameco offers hundreds of low-noise fans at outstanding prices. These agency-approved low-profile fans feature ball or sleeve bearings

so you can be assured your system will be running cool for years to come.



Be sure to visit pages 59 to 62 today!

Cost Effective Table-top Supplies

Outfit your product with a professional table-top power supply. Jameco offers a wide variety of agency-approved

configurations with regulated and unregulated outputs from Phihong and other manufacturers.



Turn to pages 49 to 52 to see our selection.

Wall Adapters Galore!



We offer a complete selection of AC-to-DC and AC-to-AC wall adapters for general purpose and production applications from Phihong and other manufacturers. Most are UL approved and available with various power plugs - all will save you money!

See pages 52 to 57 to learn more.

Find More Products @ www.Jameco.com/Power

JAMECO
ELECTRONICS®

1355 Shoreway Road, Belmont, CA 94002-4100

Toll Free Ordering, Customer Service & Technical Support
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Domestic FAX: 1-800-237-6948 / International FAX: 1-650-592-2503
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Customer Number

VIP Number